"Adopt—Adapt and Improve."

THE GREAT CURATIVE GERMICIDE.

T. C. P.

TRICHLOROPHENYLMETHYLIODOSALICYL in H_2O.

FIRST AID

AND GENERAL TREATMENT.

Invaluable to Works' and Ships' Surgeries.
Imperative for Tropical Travel and Residence.
Missionaries, Expeditions, etc.

Wonderful Pain Killer and Healer.

No Medical Unit or Ambulance Department complete without T.C.P.

Prepared by—

BRITISH ALKALOIDS, LIMITED,
104 WINCHESTER HOUSE, OLD BROAD ST.,
LONDON, E.C.2.

Registered Trade Mark.

Institute of Hygiene Certificate No. 4078.

T.C.P.

TRICHLOROPHENYLMETHYLIODOSALICYL in H_2O.

THE PERFECT ANTISEPTIC

The only known Germicide possessing the following virtues in their entirety :—

Non-Toxic.

Analgesic.	**Non-Haemostatic.**
Antithermic.	**Endosmotic.**
Non-Caustic.	**Keroplastic.**

PROMOTES RAPID HEALING.

T.C.P. possesses "*au maximum*" the two much needed and essential properties :—

a. Great destructive co-efficient against the noxious germs.

b. Vitalising action on the "Leucocytes."

T.C.P. increases the mobility of the "Leucocytes" and their affinity for infectious bacteria and bacterial toxin, therein lies one of the secrets of its remarkable virtues.

This is really what "T.C.P." (Trichlorophenyl-methyliodosalicyl)

IS

22501880006

T.C.P.

FOR INTERNAL AND EXTERNAL USE.

FIRST AID.

NON-POISONOUS AND HARMLESS TO TISSUE.

T.C.P. *has superseded the use of* IODINE, PICRIC ACID, ARNICÆ, LYSOL, FRIAR'S BALSAM, CARRON OIL, RED BOTTLE, BORACIC AND CARBOLIC OINTMENTS, ETC., for FIRST AID and AMBULANCE WORK.

For CUTS, BRUISES, BURNS and SCALDS

Apply Gauze impregnated with T.C.P. *to affected area. From time to time apply a few drops of* T.C.P., *removing bandage at intervals. This treatment to continue for 2 or 3 days. As Secondary Dressing apply* T.C.P. Ointment No. 33.

For INDUSTRIAL SKIN AFFECTIONS, DERMATITIS and ULCERS

Wash with a Solution of 1 *part* T.C.P. 4 *parts water during the day, and apply* Ointment A 270 *at night.* (*See Page* 31).

For INFLUENZA

Take 2 *teaspoonfuls of T.C.P. in water night and morning, and spray the nose with pure T.C.P.*

For THROAT TROUBLE

Gargle with 1 *part* T.C.P. 6 *parts warm water frequently.*

For ACCIDENTS TO EYES

Read Special Directions, Page 37.

All products manufactured

BY

BRITISH ALKALOIDS, LIMITED.

BEAR THE

following Trade Mark—

WELLCOME
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QV 26
1929
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PREFACE.

I have carefully perused this little "*vade mecum*" for the application of T.C.P. (Trichlorophenylmethyliodosalicyl) in the case of certain diseases.

T.C.P. has long since proved its unique value to the Medical and Dental Professions, and in the Surgeries or Ambulance Departments of a great number of important Industrial Works.

T.C.P. accomplishes the work required of it, as specified in the indications for its use hereafter.

This booklet is really a Concrete treatise of T.C.P. Therapy.

T.C.P. THE CURATIVE GERMICIDE has brought about a revolution in the treatment of maladies having their origin in Parasites and pathogenic Micro-organisms. As most diseases and affections are of Parasitic or Micro-organic origin, T.C.P. and the T.C.P. "*vade mecum*" will be of the utmost utility in their treatment. Many maladies can be averted by strict cleanliness and prophylactic care.

T.C.P. is "*par excellence*" the base of all prophylactic resources. It is the germicide which

counteracts the ill effect of bacterial toxins in the system and is at the same time beneficial to human tissues. It is consequently the "Prophylactic Foundation" indispensable to all Owners of Mills, Factories, Industrial Works, Mines, Plantations, etc., for the maintenance of health amongst labour orces, both European and native.

The size of this "*vade mecum*" will not permit of my enlarging upon the indications, but T.C.P. is a drug which, once used, becomes so familiar that one instinctively uses it where and when needed, and in the right manner.

I can only hope that this little book may be useful and that its work will be fulfilled in these few words:—

"It went about doing good."

COUNT CALLIMACHI,
D.Sc.

January, 1929.

FOREWORD.

T. C. P.

T.C.P. is a member of a class of Chemicals known as the Organopolyhalogens.

Its principal properties are :—

1. Microbicidal and Bactericidal.
2. Analgesic—Power to kill pain.
3. Keroplastic—Skin and flesh building.

T.C.P. is a chemical complete in itself.

It is :—

TRICHLOROPHENYLMETHYLIODOSALICYL in H_2O.

It crystallises in thin needles, slightly discoloured, and contains about 25% of ACTIVE CHLORINE.

Contrary to Di-Chloramine T. it is soluble in water.

An Antiseptic is not necessarily a germicide. It can stop (as in the case of boracic acid) the formation of germs or bacteria, without, however, killing those actually present in the wound at the time of application.

1. T.C.P. prevents all pathogenic germs from exercising any prejudicial effect on the human system or complex tissues.
2. Under any climatic conditions, it is absolutely stable.
3. It does not accumulate in the system.

These facts indicate immediately the therapeutical properties of T.C.P. It sterilises the

medium into which it is introduced, and its use is therefore essential in all circumstances where **microbes or bacteria** are present as agents of disease and infection.

This compound does not attack complex tissues, but has an extraordinary affinity for monocellular germs or bacterial proteins. It is not caustic. It is not hæmostatic. It is highly analgesic. Its endosmotic power, or power of penetrating tissues and mucous is considerable. It is moreover antithermic, and possesses a very marked keroplastic property.

It is only in the presence of bacterial proteins that the stability ceases. The amino-acid groups contained in bacterial proteins decompose the T.C.P. very rapidly, the Chlorine is liberated and combines with the bacteria, which are destroyed. The Chlorine is liberated in exact proportion to the number of germs present until the Chlorine content is exhausted.

No reaction takes place on the application of T.C.P. to mucous or other healthy tissues. It is simply absorbed by the skin, driven into the general circulation and eliminated through the ordinary excretory organs.

It has, in the highest degree, a property which gives it a greater value than any other antiseptic having the same or greater germicidal co-efficient.

This property, known as Endosmotic power, enables T.C.P. **rapidly to penetrate the skin and permeate the whole system as ink permeates blotting paper.**

This power enables the specific **to act not only upon the surface of the diseased part, but also below the surface where the blood may be septic.**

This is why the effect of T.C.P. in affections such as *Eczema,* is so rapid, complete and certain.

For the same reason it is very effective in all cutaneous affections, and in mucous affections of the *throat* and the *vaginal system.*

Its beneficial effect on infected *traumatic wounds* and *ulcerations* is complete and almost instantaneous.

In the treatment of *burns* and *scalds* it removes the pain immediately, whilst its keroplastic action gives fresh life to the atone granulation of wounds and destructive burns.

It is a powerful and immediate antidote for bites or stings of all insects, including mosquitos, wasps, and vermin.

For this reason it is invaluable in tropical countries where so many diseases are conveyed by bites of insects.

It has been found very effective in cases of *Nasal Catarrh* and *Hay Fever.*

Not only in medical and surgical cases is T.C.P. available as the long-sought perfect antiseptic, but also for every-day *Hygienic* purposes.

Unlike Carbolic Acid, it is perfectly harmless, even in concentrated form.

T.C.P. is administered internally in the form of T.C.P. B^3 Colloidal Emulsion to fight certain affections or diseases, principally Dysentery and affections of the liver. It is a stabiliser of the nervous system; it is sedative and gives relief from Insomnia. It does this without any of the danger attaching to the use of Veronal and other barbituric drugs. It is also useful in the case of Rheumatism and Gout, as it is a powerful solvent of uric acid.

ERNEST J. PARRY,
B.SC., F.I.C., F.C.S.,
Analytical & Consulting Chemist.
Telephone: Hop 2154.
15, Borough High Street,
One minute from London Bridge S.E.1.

October 17th, 1928.

TO THE BRITISH ALKALOIDS, LTD.,
AND TO WHOM IT MAY CONCERN.

In January, 1922, I made a comprehensive examination of the preparation T.C.P., and on instructions received from the British Alkaloids, Ltd., of 104, Winchester House, E.C.2., I have purchased samples of T.C.P. from a retail chemist in London, and have again examined the same.

I am now able to certify that the solution T.C.P. is to-day identical with what it was in 1922. It is a definite chemical compound .... known as trichlorophenyl-methyl-iodosalicyl (or, chemically, trichlorophenyl-methyl-iodo-hydroxybenzoic acid). It is a compound of an acid nature, capable of forming salts with metals such as bismuth and iron, and would probably make extremely valuable compounds therewith. It may, I think, be well described as a poly-halogen compound containing chlorine and iodine, which should be absorbed in the system without the usual effects of inorganically combined halogens. As placed on the market T.C.P. is this poly-halogen organic compound dissolved in water. It is a very powerful antiseptic.

(*Signed*) ERNEST J. PARRY.

THE SOCIETY OF APOTHECARIES OF LONDON.

Analytical Laboratory:
Mr. F. F. SHELLEY,
Ph. C (Vic.), F.I.C.

Telephone No. 5047 Bank.

Apothecaries' Hall,
Water Lane,
Queen Victoria Street,
London, E.C.4.

10th February, 1922.

REPORT

on the analysis of a sample of
"TRICHLOROPHENYLMETHYLIODO-SALICYL"
received from
Messrs. BRITISH ALKALOIDS, LIMITED,
104 Winchester House, London, E.C.2.

The substance received was in a solution containing 0·5% of Trichlorophenylmethyliodo-salicyl. It was tested against a B. Typhosus which conformed to the standard when tested against Carbolic Acid. The Rideal-Walker Co-efficient obtained, calculated on the pure salt, is not greater than 10.

(*Signed*) F. F. SHELLEY,
Chemist to the Society of Apothecaries.

Indications for the use of

T. C. P.

in certain diseases, etc.

ABDOMINAL PAIN.

One dessertspoonful of T.C.P. in 7 or 8 parts of tepid water. One pinch of salt may be added. Massage the abdomen with the T.C.P. also.

ABSCESS (External).

It is difficult to include all forms of abscesses in a general indication for treatment. However, generally, the following indications will be useful. Before applying a poultice, wash the abscess carefully with a solution composed of T.C.P. one part, and tepid water one part. The abscess should be incised and carefully cleaned of all pus before the washing. Sterilise the wound and surrounding parts with T.C.P., then apply a pad formed of layers of gauze (10 to 12) and soak with T.C.P. one part and one part water. Renew the dressing after 24 hours if necessary. When discharge ceases, use T.C.P. Ointment No. 33.

(See Poultices, page 51).

AGUE.

(See Malaria. However, during the hot stage, if the face becomes blistered, bathe it with T.C.P one part and water one part).

ALOPECIA.

Bathe the scalp with T.C.P. daily, and massage with T.C.P. Ointment No. A.270.

ANTHRAX.

(See Abscess, but soak the gauze pad with pure T.C.P).

ARDENT SUN FEVER.

Confine the patient in a dark room; apply ice or cold water to the head. Massage the body completely with T.C.P. one part, and water one part. Keep the bowels well open.

BAKER'S ITCH.

Wash thoroughly with tepid water and good soap, then apply a dressing of T.C.P. one part, and water one part.

BARBADOES LEG.

(See Elephantiasis).

BENGAL FEVER.

Treat in the usual manner, but applications of T.C.P. to the head and face will give relief. When the stools are infectious, an injection into the rectum of one part T.C.P. and 6 parts of water is advised.

BERI-BERI.

Sponge the body with T.C.P. to diminish the œdema. The treatment of this disease is mainly dietetic. T.C.P. should be taken internally. Tablespoonful morning and evening in 6 parts of water.

BILIOUSNESS.

Inject into the rectum and bowels, one part T.C.P. in 10 parts of water.

BITES OR SCRATCHES. (Animal.)

Wash well with one part T.C.P. and one part tepid water, then apply T.C.P. on cotton wool. If the scratch is extensive, apply a dressing soaked with T.C.P.

BLEEDING. (External.)

In small and moderate cases of hæmorrhage, continuous applications of T.C.P. are advised.

BLISTERS. (Generally.)

Wash with T.C.P. one part and water one part, then apply T.C.P. alone.

BOILS. (Generally.)

(See Abscesses).

BRAIN CONCUSSION. (Inflammation.)

Apply T.C.P. on the head to facilitate the blood circulation.

BREAST. (Inflammation of.)

Adopt the ordinary treatment, with the addition of hot fomentations of T.C.P. one part, and water 4 parts, on the breast.

BREATH. (Foul.)

Wash the mouth with T.C.P. one part and water 5 parts. Brush the teeth well, then apply T.C.P. to the gums. Gargle with T.C.P. one part and water 4 parts. Drink every morning one-half tumbler of tepid water containing 10% T.C.P.

BUBO.

Local conditions to be treated by T.C.P. several times a day. If softening, may require opening and subsequent treatment with T.C.P. Wash mouth and gargle with one part T.C.P., 5 parts tepid water; this will prevent Parolitis (ulceration). If Diarrhœa is present injection per rectum (see Diarrhœa).

BUNION.

Keep clean, and apply a dressing soaked with T.C.P. Strict cleanliness and T.C.P will eventually reduce the bunion.

BURNS AND SCALDS. (See Abscess.)

,, (Acid.)

Carefully wash with water containing Carbonate of Soda, or with pure white soap. Cleanse carefully with pure water, and finally treat with T.C.P. (See above.)

CARBUNCLE.

(See Abscess).

CATARRH.

Spray nose with atomised T.C.P. and paint same externally with T.C.P. Gargle with T.C.P. one part, water 8 parts. T.C.P. inserted on cotton wool in the ear assists the treatment.

CHAPS.

(See Chilblains).

CHICKEN-POX.

T.C.P. is beneficial in washing the mouth and nose and gargling to prevent Catarrh. Wash the body well with one part T.C.P. and 10 of water, after the vesicles break.

CHILL.

(See Catarrh).

CHIGGOES.

Apply a dressing of T.C.P. The insect should be removed with a needle, and T.C.P. syringed into the cavity.

CHOLERA.

In addition to ordinary treatment, it is advised that T.C.P. one part and 5 parts water be administered. Also inject into the bowels one part T.C.P. and 8 parts Saline Solution.

COLIC.

T.C.P. one part and 10 parts Saline Solution, 2 teaspoonfuls 3 times a day.

COLITIS. (Acute, Chronic, Ulcerative or Muco-Membranous.)

Eat sparingly and only fresh food. Before attempting T.C.P. treatment, one dose of castor oil (1 oz. for an adult) should be taken.

The day after, one tablespoonful of T.C.P. should be taken in 7 or 8 tablespoonfuls of water, morning and evening. Continue for 3 days and stop. This treatment may be continued from time to time to prevent recurrence.

(See also special notes on T.C.P: B3 Colloidal Emulsion, page 52).

CONTAGION.

T.C.P. used in the mouth, nose and on the hands and face, prevents contagion, and is essential in the case of epidemics.

CHILBLAINS.

Apply T.C.P. several times during the day on affected parts. During the night apply T.C.P. Ointment No. A.270.

COPPER NOSE (ACNE).

Strict cleanliness. The Pustules should be washed with cotton wool impregnated with T.C.P. Some T.C.P. may be injected hypodermically into the sebaceous glands.

COWPOX.

T.C.P. should be used all round the area of the vaccined points to prevent inflammation and erysipelas. Unless great inflammation is present, T.C.P. is not to be applied to the vaccined points but on large area all round.

CRAMP.

Massage with T.C.P.

CROUP.

Gargling, as in Catarrh, should be beneficial.

DERMATITIS.

(See page 31).

DIARRHŒA. (Generally.)

(See special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

DIPHTHERIA.

If a medical man is not available, gargle and spray the throat with T.C.P.

DISINFECTION.

T.C.P. Sterilises everything.

DOG BITES.

Make the wound bleed freely and inject T.C.P. Keep a dressing saturated with T.C.P. on the wound.

DRINKING WATER. (Purifying.)

10 parts of water and one part of T.C.P. in contact for 2 to 3 hours will generally be sufficient.

DYSENTERY. (Generally.)

(See special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

EAR. (Diseases Generally.)

In Neuralgia, cotton wool soaked with T.C.P. applied in the ear alleviates and stops pain. When there is a discharge, wash with one part T.C.P. and 5 parts tepid water. Washing the ear with one part T.C.P. in 10 parts of tepid water is also beneficial; in the case of inflammation, the surrounding area should be painted with T.C.P.

ECZEMA.

If the Eczema is a simple one and on a small area, the application of T.C.P. 3 or 4 times a day is sufficient. If the Eczema is simple but on a wide area, a dressing should be kept on where possible. When the dressing has to be applied in a difficult position, T.C.P. Ointment No. 33 should be used instead of the dressing, but before applying the ointment a complete cleansing of the affected area with good soap should be made, after which it should be painted with T.C.P. Solution. When this latter has dried, the ointment should be applied. If there is a discharge, a dressing as for Abscess should be applied, T.C.P. Ointment No. 33 to be used at night.

ELEPHANTIASIS.

T.C.P. dressing to be renewed every 24 hours. Soak the dressing thoroughly with T.C.P. in order to dialyse it in the blood and lymph (in addition to ordinary treatment).

ENTERIC FEVER.

(In addition to ordinary treatment.) T.C.P. should be used in tepid water to cleanse the body; great cleanliness and disinfection by T.C.P. is necessary. Bed sores should be guarded against. Mouth and teeth should be washed with one part T.C.P. in 5 parts of water. Milk, the only article of diet.

ENTERITIS. (Generally.)

Hot fomentations of T.C.P. and water should be applied to the abdomen. One part of T.C.P. in 10 parts of tepid water to be taken three times a day, the dose to consist of a teaspoonful of T.C.P. in 10 of water.

(See special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

EPIDEMICS. (Preventive.)

(See Contagion).

ERYSIPELAS.

Frequently bathe with T.C.P. one part in 5 parts of tepid water. Strict cleanliness and general disinfection with T.C.P. is imperative. Wash the eyes with T.C.P. one part and 5 parts of water.

EYES. (Inflammation, etc.)

(See special notes, page 37).

FEET.

T.C.P. should be used to prevent and alleviate tenderness, odour, cold, blisters, ulcers, etc., of the feet. It removes fatigue, particularly in hot weather. For gouty pain, massage with T.C.P., followed by T.C.P. Ointment No. A.270. This Ointment should be used to treat the feet between applications of the T.C.P.

FEVERS. (Generally.)

All fevers indicate an infection of some part of the system. In fever, the mouth, teeth, throat and nose should always be sterilized with T.C.P. In the mouth one part T.C.P. 10 parts water. Applications of T.C.P. are advisable on forehead and scalp. It reduces temperature.

FILTERS.

All water filters should be sterilized from time to time with T.C.P. and rinsed well afterwards.

FISSURE. (Anus, etc.)

Often associated with Piles. Bathe with one part T.C.P. and one part tepid water, 3 or 4 times daily. Apply Ointment No. A.270. This can also be introduced into the Anus.

FROST BITE. (See Chilblains.)

GANGRENE.

This should never appear in a wound properly treated with T.C.P. If present, one part of T.C.P. in one part of tepid water should be used for 8 or 10 minutes on and in the wound followed by a dressing of T.C.P.

GLANDS. (Generally.)

Thyroid Gland, Goitre, apply T.C.P. externally. Internal dose, 1 teaspoonful diluted with 10 times the volume of water, 3 times a day.

(See special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

GOUT.

External treatment, T.C.P. with dressing. Internal, 1 teaspoonful diluted with 10 parts of water 3 times a day. The Ointment No. A.270 is also recommended.

GUINEA WORM.

The worm should be extracted in the usual manner, but before extracting, a lotion of T.C.P. should be applied. This will harden the worm and facilitate extraction. If the worm breaks it will prevent Abscess and Fever.

GUM BOIL.

Wash the mouth carefully with one part T.C.P. and 5 parts tepid water. Subsequently apply T.C.P. to the gums. If the tooth is much decayed, it should be extracted.

HÆMAGLOBINURIA. (Blackwater Fever.)

The use of T.C.P. to disinfect the mouth and throat will be useful. Warm fomentation of T.C.P. and water in equal parts on all the surface of the breast would prevent Oedema of the lungs. The rectal infusion is one part of T.C.P. in 10 parts of Saline Solution. Skilled medical treatment is required.

HÆMORRHOIDS. (See Piles.)

HEAD ACHE.

Friction on the forehead, temples and scalp with T.C.P. is very useful.

HEART BURN.

Adopt ordinary treatment. In the Tropics it is excellent to keep the pores of the skin quite open. To effect this apply T.C.P. with a piece of soft linen all over the body.

HERNIA.

Gentle massage with T.C.P. on the swelling will be beneficial. It relaxes the muscles before attempting to reduce the Hernia. Ordinary treatment must be adopted, but T.C.P. diminishes the pain and helps to reduce the rupture.

HERPES.

Apply T.C.P. In the case of Herpes Labialis, paint the lips 6 to 8 times a day with T.C.P.

INFLAMMATION.

Apply a solution of T.C.P. and water, equal parts. If severe, T.C.P. alone. Maintain a dressing impregnated with T.C.P.

INFLUENZA.

The mouth and Nostrils are the gates through which germs are introduced into the body.

Sterilizing the mouth, throat and nostrils with T.C.P. twice daily will lessen the risk of contracting the disease, and reduce its dangerous complications to a minimum.

It will therefore be understood that a complete disinfection of these organs is the most important part of the T.C.P. treatment, but the internal

application is indispensable if the symptoms are actually present.

Internal treatment should consist in the administration, before breakfast, of a dessertspoonful of T.C.P. in 5 or 6 parts tepid or cold water. This should be repeated half an hour before retiring. Gargling with T.C.P. has brought great relief in cases of cough and sore throat.

ITCHING.

Paint with T.C.P. from time to time.

JAUNDICE.

In addition to the ordinary treatment, a perfect hygienic condition must be maintained, by washing the throat, mouth, and nose with one part T.C.P. and 5 parts of water. Paint over the liver and abdomen with T.C.P. at frequent intervals.

JOINTS. (Inflammation.)

Perfect rest of the affected limb is essential. Bowels must be kept open. (Use recipe 7.) If any fever, Quinine is indicated. Hot fomentations should be applied to the joints affected, one part T.C.P. and 3 parts of water. After the hot fomentations, use a dressing of T.C.P., kept in position with a bandage.

KIDNEYS. (Inflammation.)

Nephritis, treat the cause. (Cystitis, Gonorrhœa, Cold, violent exercise, etc.) Great relief and rapid cure is obtained by hot fomentations of one part T.C.P. and 3 parts water, applied to groins, and hot fomentations of the same strength to the surrounding parts of testicles.

(Administering Recipe .7 (page 51) greatly assists.)

LARYNX. (Inflammation.)

Gargle with T.C.P. one part, water 9 parts, 3 or 4 times a day. Application of a dressing around the throat (gauze soaked with T.C.P.) and kept in position with flannel, is very beneficial. Renew same at the end of every two hours if necessary.

LEGS. (Swelling.)

Ordinary internal treatment, according to cause (Dropsy, Pregnancy, Amenorrhœa, Debility, etc.), applications of T.C.P. one part, water 2 parts, to the leg is beneficial, then massage same with T.C.P.

LEUCORRHŒA.

A whitish vaginal discharge, is not only very unpleasant to the sufferer but also very weakening. It has also a disastrous effect on the vaginal mucous which becomes tender, discoloured, and the affection may produce all sorts of secondary accidents.

T.C.P. has definitely cured cases of Leucorrhœa of long standing, simply by douching twice a day with a solution composed of T.C.P. and tepid water. One pint of boiled water cooled to the ordinary temperature of a douche (about 60 degrees F.) in which a tablespoonful of T.C.P. has been added, should be used twice a day.

LICE.

Lice should NEVER be present if T.C.P. is regularly used on the scalp. If present, adopt prolonged massage of the scalp with T.C.P. twice a day, also applications of T.C.P. B.360 Ointment before retiring. Wash thoroughly in the morning with pure soap and tepid water. afterwards applying T.C.P.

LIVER. (Inflammation.)

Hot fomentations of T.C.P. one part water 2 parts, applied over the region of the liver twice a day. T.C.P. B^3 Colloidal Emulsion should be taken internally twice a day, morning and evening. The dose is one tablespoonful of the emulsion in about 4 or 5 parts of water.

LUMBAGO.

Keep the bowels free (see notes, page 52, regarding T.C.P. B^3 Colloidal Emulsion). If bowels are regular, application of hot fomentations of T.C.P. one part and water one part will usually prove beneficial.

LUNGS. (Inflammation.)

In Pneumonia, T.C.P. should be taken internally, one part T.C.P. in 4 parts of water, the dose to consist of 2 teaspoonfuls twice a day.

MAD DOG BITES.

If no Pasteur treatment is available, T.C.P. must be used at once, injected, if possible, into the bite, and a T.C.P. dressing maintained until Pasteur treatment is available.

MAGGOTS. (Wounds.)

In wounds, or in the nose, treat with T.C.P. Maggots cannot possibly appear if strict cleanliness and sterilization by T.C.P. is adopted.

MALARIA. (Prevention.)

PREVENTIVE. Mosquito bites are prevented by constant applications of T.C.P. or T.C.P. Ointment No. 33 to the exposed parts of the body. T.C.P. taken internally as antithermic will diminish the fever without the inconvenience of quinine. It will not entirely replace quinine, but will greatly decrease the quantity necessary.

MEASLES.

Disinfect at once by sponging the whole body with T.C.P. one part, warm water 2 parts. Keep the mouth and nose sterilized by spraying and gargling with T.C.P. one part, tepid water 3 parts. Keep all parts of the body and the bed thoroughly sterilized with T.C.P. It is also beneficial to take internally 1 teaspoonful T.C.P. to 5 teaspoonfuls tepid water.

MOSQUITO BITES. (Preventive.)

Paint the exposed parts with pure T.C.P. solution, and afterwards apply a thin coating of T.C.P. Ointment No. 33. For an actual bite apply cotton wool or gauze soaked with T.C.P. Solution and allow four minutes for the T.C.P. to penetrate the area affected.

MOUTH. (Diseases of.)

Brush the teeth thoroughly with a solution composed of one part of T.C.P. and 6 parts water. Wash the mouth thoroughly with this solution and finally gargle with T.C.P. one part and tepid water 8 parts.

NETTLE RASH.

Paint with T.C.P. Sometimes emetic is needed.

NEURALGIA.

Paint with T.C.P. and gently massage the affected area. Repeat frequently until relief is obtained. Internally one tablespoonful of T.C.P. in 5 parts of water.

NEURITIS.

In all cases of Neuritis, external application of T.C.P. and massage with T.C.P. is of great benefit.

NOSE. (Diseases.)

In all affections of the nose spraying with T.C.P. is excellent treatment, but the mouth and throat are usually affected also, and must be treated in the same manner.

OPHTHALMIA. (See Eyes.)

PARASITICAL GROWTHS.

All Parasites are killed by T.C.P. GROWTHS CANNOT DEVELOP.

PILES.

(Internal.) Apply T.C.P. and syringe with a solution of 1 part T.C.P. to 3 parts of warm water.

(External.) Apply T.C.P. on cotton wool. Also use T.C.P. Ointment No. 33 for External or Internal.

PREGNANCY. (General uses of T.C.P. in.)

T.C.P. is practically indispensable. To keep all parts in a sterilized condition, use as a Douche one part T.C.P. in 5 parts tepid water. For general washing use externally, one part T.C.P., 10 parts tepid water.

POISONING. (Of the Blood.)

Causes are various. Treatment primarily, according to origin, but generally by disinfecting the mouth, throat and nose with T.C.P. It should also be administered internally, one tablespoonful T.C.P. in 10 parts of water 3 times a day.

PROUD FLESH.

When T.C.P. is employed as a dressing to wounds, the granulation is always normal, and proud flesh does not appear.

PSORIASIS.

Paint with T.C.P. several times a day. Before retiring, apply T.C.P. Ointment B.360, wash with pure soap in the morning, and again apply T.C.P., which latter is invisible on the skin.

(See also Dermatitis in Industry, page 31).

PUSTULES.

T.C.P. is indicated in all Pustular affections, such as Impetigo, Acne, Psoriasis, etc. See treatment under those headings.

PYORRHŒA.

(See special note on page 49).

RASHES.

Wash well and apply T.C.P. frequently to the affected areas.

RHEUMATIC FEVER.

One tablespoonful T.C.P. in 10 tablespoonfuls cold water should be taken internally 3 times a day.

RHEUMATOID ARTHRITIS.

The joints affected should be painted and massaged several times a day with T.C.P., apply a dressing of gauze soaked in T.C.P. At night T.C.P. Ointment, No. A.270, should be applied to the joints and surrounding area. Take internally one tablespoonful T.C.P. in 6 tablespoonfuls of water 3 times a day before meals.

(See also special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

RHEUMATISM.

Massage gently with T.C.P. several times a day. At night apply T.C.P. Ointment A.270.

(See also special notes on T.C.P. B^3 Colloidal Emulsion, page 52).

SUN FEVER.

Bathe the body well with T.C.P. one part, water 4 parts, and take internally one tablespoonful T.C.P. in 10 tablespoonfuls of cold water.

THROAT.

Gargle 3 times a day with one part T.C.P. in 8 parts water, use also as a mouth wash. Paint or spray the interior of the nose with T.C.P.

THROMBI. (Inflammation, veins, etc.)

(See Blood Poisoning).

TIC-DOULOUREUX.

Massage of affected area with T.C.P. will prove very beneficial.

TOES. (Blisters and Ulcers.)

Wash well with tepid water and good Soap. Blisters should be emptied by pricking with a needle sterilized with T.C.P. and water in equal parts, then apply a dressing soaked in T.C.P.

TONGUE. (Blisters and Ulcers.)

Wash the mouth several times a day with T.C.P. one part, water 6 parts. Keep the nose also sterilized with T.C.P. by spraying.

TYPHOID FEVER. (See Enteric Fever).

ULCERS. (See Anthrax).

URETHRA. (Inflammation, etc.)

Injections of T.C.P. one part, water 4 parts will prove beneficial.

URINE. (See Kidneys).

VARICOCELE.

Massage the veins gently with T.C.P. morning and evening for a few minutes and at night apply T.C.P. Ointment A.270 with a dressing.

VEINS. (Varicose, Ulcerated, etc.)

(See Ulcers).

VESICLES.

All Vesicular affections are subdued under T.C.P. treatment. Wash well the affected area with soap and apply T.C.P. several times daily.

WARTS.

Common Warts should be treated by applications of T.C.P. and by T.C.P. Ointment B.360, applied every night.

WASP STING.

Apply T.C.P. immediately, also a dressing of cotton wool soaked in T.C.P.

WHITLOWS.

Ordinary treatment, and dress with cotton wool soaked in T.C.P.

WORMS. (Ascaris lumbricoides.)

Very good results are obtained by injection of T.C.P. in the rectum and bowels. The injection should consist of about one tumbler of water and two tablespoonfuls of T.C.P. To be injected when cold.

WOUNDS. (Generally) Sores, Cuts & Bruises.

Wash with T.C.P. one part, water one part, apply a dressing impregnated with T.C.P. Renew dressing from time to time. T.C.P. Ointment A.270 is beneficial in wounds, bruises, or abrasions.

(See special notes on Dressing Wounds, page 29).

YELLOW FEVER.

T.C.P. should be used for general sterilization of mouth and body. See Fevers, etc.

YAWS. (See Anthrax).

A few remarks on Dressing Wounds, Ulcers, Burns, Varicose, etc.

There are two classes of dressings, one is applied, say, in sprains, fractures and similar circumstances, when there is no breakage of the skin, but when the dressing is really a support properly distributed to keep the parts in position without constricting them.

The other class of dressing is that applied to wounds, ulcers, and in every case where there is a breakage of the skin. It is only this form of dressing which is dealt with in these notes. The observations are made in regard to the application of the T.C.P. Germicide, but they apply to all germicides or antiseptics in water solution.

Two cases have to be considered: (*a*) The wound is clean with little discharge; (*b*) there is a large amount of discharge.

In the first case it is better to have no dressing at all, when possible.

Spray the T.C.P. Solution from time to time on the wound, burn or ulcerated area, and allow it to be absorbed. Heavy dressing keeps the wound or burn warm and moist, two conditions promoting the growth of pathogenic germs.

If a dressing is essential, make it as light and porous as possible in order to facilitate the evaporation of the moisture and to prevent undue warmth. Moisture and warmth **diminish the resistance of tissues and prevent granulation.**

If the discharge is abundant it must be absorbed by some spongy material previously sterilised. Sterilised Cotton, Cellulose Wadding, etc., can be used provided it is sterilised, porous, dry. The spongy material is used to absorb the discharge and keep the wound dry.

In this case the dressing should be composed of:

(*a*) A pad of gauze soaked in T.C.P.

(*b*) A layer of sterilised and dried absorbent material.

(*c*) A fixing bandage.

A pad of gauze soaked in T.C.P. should be well pressed in order to eliminate all excess of moisture and lightly applied on the wound. The absorbing material, or intermediate dressing, should not be bound tightly, as it would in that case lose its porosity and capacity for absorption.

The fixing bandage should also be applied in such a manner that it does not press the dressings on the wound. Two narrow bands of lint, not on the whole dressing but one on each side, is the most satisfactory way of fixing.

In case of burns, it will be always better to have no dressing at all. Spray the area with T.C.P. Solution.

The same can be stated about varicose veins. No dressing at all if no discharge, but frequent applications of the T.C.P. Solution. If there is a discharge, a light dressing as indicated above should be used.

DERMATITIS IN INDUSTRY.

It may be useful to state in a few pages the experience gained through the use of T.C.P. in the treatment of certain forms of Dermatitis by Doctors and Physicians mainly in Great Britain and France.

Tropical cases of skin troubles are often very different from and more grave than those observed in temperate countries, and although many interesting results have been obtained with T.C.P. in tropical countries, we shall not attempt to deal with them in this short paper.

There are several forms of diseases of the skin, some due to parasitic action, such as tinea tonsurans, tinea cruris, favus, scabies, etc., diseases

having their origin in internal predisposing factors, such as the composition of the blood, amongst which are various forms of eczema, psoriasis, acne, etc., diseases due to occupational causes in trade and industries.

The skin diseases due to internal predisposing factors, such as arthritism, nervism, alcoholism, etc., although non-microbic in origin might and in fact very often do become infected by bacteria.

An eczema characterised by a certain amount of exudation from the skin which usually causes the formation of vesicles and even a discharge of serum, is a perfect field for the culture of pathogenic germs, and this is never overlooked by physicians.

Better to understand the therapeutical action of T.C.P. it is necessary to state a few facts regarding its composition.

Trichlorophenylmethyliodosalicyl is under many conditions a stable body having therapeutical properties of its own.

It is, for instance, antithermic, and analgesic. These properties are certainly due to the T.C.P. considered as a whole. But various other therapeutical properties are derived from the decomposition of the T.C.P. in the system. The chlorine in combining with the bacteria determines the germicidal action, and the iodo salicylic residue exercises a general beneficial and stimulating action on the lymphatic tissues, facilitates circulation and respiration, and, through the oxidation of the albuminous and fatty acids, the assimilation and nutrition are greatly improved.

Many physicians seem to consider T.C.P. only as an antiseptic and a germicide, hence this short explanation was necessary to fully understand the properties of T.C.P. and what may be expected from its use in therapeutics.

ECZEMA.

T.C.P. has been used in many cases and in many forms of eczema and always with beneficial results.

A well-known Doctor had a patient who suffered from an eczema of the genital parts of long standing (20 years). He had always hesitated to try to effect a cure, as he considered the eczema an exit to compensate a renal insufficiency.

However, following conversations with the Scientific Adviser of the British Alkaloids, Limited, he decided to give T.C.P. internally to his patient. In this case the iodine in organic combination, after the decomposition of the T.C.P. in the intestine, acts really as depurative and eliminates from the cells all the waste products following a better oxidation of the albuminoids, the fats and the toxic substances.

Under no circumstances can any ill effect on the kidney result, as is the case with alkaline iodides which are decomposed in the stomach in the presence of the gastric juices.

After one week's treatment the local irritation had already decreased. T.C.P. 1% standard solution was then applied externally, the internal treatment being continued. After three weeks the eczema was apparently completely cured, without having caused any other trouble in the patient's general health. For eight months there has been no recurrence of the eczema.

The treatment consisted of :—

Internally—One tablespoonful of T.C.P. Standard Solution in 5 to 6 parts of water before breakfast, repeated half an hour before retiring.

Externally.—Application morning and evening of T.C.P. Standard Solution on the affected parts.

We should add that the patient continues to apply T.C.P. Ointment (No. 33) from time to time, on the parts formerly affected.

The same treatment has been successfully applied in many forms of eczema. However, the internal treatment with T.C.P., although probably always beneficial, may not be the proper one to CORRECT ALL PREDISPOSING CAUSES OF ECZEMA.

Conditions producing eczema are very vaguely described. Arthritism, nervism, gout, acidity of the blood are commonly described as causes of eczema.

We quote below a few cases which various physicians have successfully treated with T.C.P.

CASE No. 1.

Eczema of the genital parts of a diabetic patient. External treatment only has been used. The affected parts were washed morning and evening with the T.C.P. Standard Solution, mixed with 3 parts of tepid water. When the affected area was dried, T.C.P. Ointment No. A. 270 was applied. The violent irritation decreased after the first application and ceased entirely after a few days. Treatment ceased after two weeks and is repeated from time to time, although no recurrence has been observed.

CASE No. 2.

Eczema on the face of a child (7 years old). Had persisted for two months in spite of applications of Liq. plumbi subacetatis. T.C.P. was given every evening—one dessert spoonful with 5 parts of tepid water. The face was painted morning and evening with T.C.P. mixed with 3 parts of tepid water. When dried T.C.P. Ointment No. 33 was applied. Cured in 10 days.

Many other forms of eczema, on the lips, the nails, the knees, the anus, varicose eczema and even eczema complicated by sepsis, have yielded under the external treatment alone, or the external and internal combined. Several of the physicians who have supplied the particulars referred to above state that they take care that their patients maintain a proper regularity of the bowels and when possible protect the surface affected.

TRADE OR OCCUPATIONAL ECZEMA.

This is really a case of dermatitis due to some irritating action connected with the occupation. It is mostly due to chemicals. Oil dermatitis, chrome ulcers, nitrobenzene, aniline dermatitis, are well known. All chemicals or mechanical action able to injure the continuity of the skin, may cause a dermatitis.

The first site of the lesion is generally the hair follicle. A folliculitis follows and desquamation occurs. In acute forms there is formation of blisters of weeping eczema with general swelling of the skin. In many cases infection follows.

The forms of Dermatitis caused by industrial processes are very numerous, and we cannot say that we know the action of T.C.P. in all cases. Many Industries are regularly using T.C.P., some indeed, use it in considerable quantity, but we are not always informed of the particular cases for which it is employed. We will mention indications for the use of T.C.P. in cases of which we have knowledge of favourable results.

DERMATITIS DUE TO PHYSICAL AGENCIES.

Constant friction of the skin causing a thickening of the epidermis and infection of the deeper tissues.

T.C.P. should be applied pure on a pad of gauze and kept with a bandage on the affected surface. This should be renewed every day for 3 or 4 days, after which period use T.C.P. Ointment A. 270. If the Doctor does not see a great amelioration after a week, the T.C.P. liquid should be used again.

DERMATITIS FROM CHEMICALS.

Very good results are obtained in washing the affected area with 3 to 4 per cent. solution of bicarbonate of soda, and applying afterwards T.C.P. Standard Solution mixed with 2 or 3 times its volume of boiled water which has been allowed to cool.

This diluted solution should be applied by soaking a pad of gauze in the liquid and fixing with a bandage.

When the Doctor observes that the lesions of the skin have nearly disappeared, T.C.P. Ointment A. 270 should be used.

In the case of Dermatitis arising from aniline, nitrobenzene and allied chemicals the treatment should be the same.

DERMATITIS DUE TO METALLIC AGENTS.

Arsenic, Antimony, Chromium, Mercury, Nickel Salts, produce ulceration. Our experience does not extend beyond chromium and nickel, but it is likely that ulceration produced by other metallic salts would respond equally to the T.C.P. treatment which is the same as that in the case of Dermatitis arising from aniline, nitro benzene, etc., but the Ointment used in this case should be B. 360.

EYES.

WHY T.C.P. IS RECOMMENDED FOR THE TREATMENT OF THE EYES.

The diseases and affections of the eyes are very numerous, and obviously we do not pretend to study them extensively. We only attempt to deal in a practical manner with the accidents which occur in industry and the complications which may result therefrom. This survey having a practical object, the drugs which we recommend must be of practical use. Drugs used in the treatment of the visual system must be absolutely reliable. They must be known to have a useful effect on the case under treatment, without any offensive action even if manipulated by unskilled hands, which is often the case in a factory.

Cocaine, Novocaine, Cyanide of Mercury, Silver Salts, etc., are very useful chemicals in the hands of the eye surgeon, but are dangerous, and, moreover, useless in the lay hand. While T.C.P. does not pretend to be an anæsthetic, it is recognised as a very useful analgesic, and pain rapidly subsides under its action. All accidents to the eye are painful, and often, *very painful.*

The use of a drug which can overcome the pain without danger to the eye or to the visual system generally, is of great value. T.C.P. far from attacking human tissues, is a powerful help in their reconstruction.

No infection whatever can take place where T.C.P. is employed.

We consequently submit that these various virtues are sufficient recommendation to advise a T.C.P. therapy in accidents to the eye.

T.C.P. TREATMENT IN ACCIDENTS TO, AND BURNS AND DISEASES OF THE EYES.

The most effective preventive of injuries to the eyes is the use of goggles made of glass or mica, with gauze mesh for the lateral parts. Wherever there is risk of accidents, these protectors should be provided ; but nearly all operators object to wearing goggles, and almost invariably discard them.

Many accidents to the eyes happen quite unexpectedly and at a time when the worker has no opportunity to avail himself of the protection provided.

Accidents to the eyes are often aggravated by the use of unsterilized instruments, the result being an infection of the wound.

There is only one satisfactory method for dealing with accidents to the eyes in industry, and that is to always have available, in addition to the ordinary goggles, one or several adequate first-aid boxes, equipped with chemicals and instruments necessary to give an immediate and appropriate treatment.

The first-aid box required by the Home Office regulations is entirely inadequate for the treatment of accidents to the eyes or complications which often result therefrom.

This inadequacy is to be lamented, in view of the fact that statistics in this country and abroad reveal that wounds to the eye form 25 per cent. of accidents to workers in industry. When it is remembered that such wounds are difficult to treat, the gravity of this inadequacy is apparent. Amongst the various accidents met with in industry, accidents to the eyes and consequent results are probably

the most serious to the Employer and Insurance Companies, who incur the greater responsibility.

Total and permanent loss of sight is not infrequent. Total loss of one eye and the permanent loss of part of the professional visual acuity of one or two eyes are more of less common. In such cases either the Employer or the Insurance Company are responsible during the whole life of the affected worker.

We therefore strongly advise employers in industries where eye accidents are likely to occur, to complete their accident equipment with a special aid box containing the necessary preparations to treat the peculiar cases they might have to meet.

Hereafter is a list of the preparations and instruments such special box should contain, and, in addition, instructions regarding their use.

COMPOSITION OF A FIRST-AID BOX FOR ALL ACCIDENTS TO, AND BURNS AND INFLAMMATION OF THE EYES.

		No. of Preparation.
1 pint	Saturated Solution of Bicarbonate of Soda in distilled water, plus 10% T.C.P. Standard Solution ...	1
1 ,,	T.C.P. Standard Solution	2
1 ,,	T.C.P. Standard Solution diluted with 5 parts of water	3
1 ,,	T.C.P. Standard Solution diluted with 9 parts of water	4
1 ,,	Solution in distilled water, of 1% Zinc Sulphate, 2% pure Acetic Acid, plus 10% T.C.P. Standard Solution	5
1 ,,	Liquid Paraffin.	
1	Syringe for instillation.	

Instruments to extract foreign material from the eyes.

Soft sponge to wash the eyes.

Gauze, absorbent cotton, dressing material.

One atomizer.

Accidents and burns affecting the eyes differ greatly, in view of the fact that the cause of the injury may be entirely different, according to the industry in which the sufferer is engaged.

In these notes we will endeavour to survey briefly what is likely to happen in operations connected with Iron and Steel manufacture, Gas Works, Tanneries, Engineering Works and the Chemical Industries, etc., all of which are amongst the most dangerous to the eyes of the workers engaged therein.

BURNS.—These may be caused by acids, alkalis or other chemicals. Whatever the cause of a burn, the damage done to the eyes is directly proportional to the time such cause is allowed to act before treatment. It is of the utmost importance always to have first-aid boxes available, one for burns with Acids, another for burns with Alkalis.

ACID BURNS.—The first-aid box in this case should never be without Preparations Nos. 1, 2, 3 and 4. (See page 39.)

One Syringe for instillation.

One Atomizer.

Absorbent cotton, gauze, etc.

TREATMENT OF BURNS BY WEAK ACIDS.

A large quantity of absolutely clean water must always be available, as the first part of the treatment consists in an abundant washing of the eye and surrounding parts. This bathing must take place rapidly, and be followed immediately by a washing with Preparation No. 1. After the bath with this preparation, rinse again with water, and follow with the instillation of 10 drops of Preparation No. 4.

Then paint the lids and surrounding parts of the eye with Preparation No. 2.

Renew the instillation and painting every eight hours. Protect the eye with a shield.

STRONG ACIDS.

Burns with strong acids should be treated as follows :—

1. Abundant washing with water.
2. Bathe with Preparation No. 1.
3. Further rinsing with water.
4. Instillation of Preparation No. 4 (10 drops).
5. After an interval of 10 minutes third washing with water.
6. Instillation (10 drops) of Preparation No. 3.
7. Painting of the lids and surrounding parts of the eye with Preparation No. 2.

The instillation and painting to be renewed every eight hours.

If the skin and flesh of the face are burnt, a dressing made of gauze soaked in Preparation No. 3 should be applied and maintained on the burnt area.

BURNS WITH ALKALIS.

Composition of the first-aid box for Alkali burns—Preparations Nos. 2, 3, 4 and 5. (See page 39.)

Syringe for instillation.

An Atomizer.

Absorbent cotton, gauze, etc.

The following is the process which should be followed in cases of burns by Alkalis :—

Abundant washing of the eyes and face with pure water.

Bathe with Preparation No. 5.

Further washing with pure water.

Instillation (10 drops) of Preparation No. 4.

In case of burns with concentrated Alkalis, use instead Preparation No. 3.

Painting of eyelids and surrounding parts with Preparation No. 2.

According to the severity of the burn a shield or dressing should be maintained on affected parts.

Instillation and painting to be renewed every eight hours.

If the eyes have been very much affected by ammonia vapour, the same treatment should be applied.

If affected by vapours of Chlorine, Iodine or Bromine, the treatment should be the same as for Acid burns. Also in the case of chrome, chromates chromic acid.

BURNS BY FLAMES, STEAM, HOT AIR, SCALDS, ETC.

These various burns may be considered practically of the same character. In such cases T.C.P. only, in various states of concentration, is necessary.

When the burn is very intense and if painting of the eyelids and face is likely to remove the skin, the best method is to atomise Preparation No. 3 on all burnt parts.

The dressing of the burns should be made with equal parts of liquid paraffin and Preparation No. 2 emulsified together. No other treatment is necessary. Dressing to be renewed at the doctor's discretion.

BURNS OF THE EYES THROUGH THE INTRODUCTION THEREIN OF PARTICLES OF HOT METALS OR OTHER SUBSTANCES.

This form of burn occurs through the introduction into the eyes of hot foreign bodies such as chippings, turnings, hot metallic dusts produced by grinding, polishing, or may occur from molten metal in welding and cutting shops, in foundries, blast furnaces, steel works, etc. In these cases the burns are complicated by the shock, due to the impact of the foreign body, and are often very painful.

Immediate application of tepid fomentations made with Preparation No. 3 will greatly relieve pain, but the extraction of the foreign body is

essential as soon as possible after the first application of the fomentation.

Following extraction of the foreign body a dressing of gauze soaked in Preparation No. 3 should be fixed on the eyes and surrounding parts, and renewed from time to time at the discretion of the doctor or sister.

Sometimes instillation of 10 drops of Preparation No. 3 or 4, according to the gravity of the wound, will be very useful.

The extraction of the solid foreign substance from the eyes must be made under antiseptic conditions.

The best method is to spray Preparation No. 3 into the eyes, and the instrument used for the extraction of the foreign body must be sterilized with Preparation No. 2 before use, and the hand of the operator must be absolutely clean.

Particles of iron or steel can be extracted with the minimum pain by the use of a magnet, the best type being an electro-magnet of the Haab or Rollet type.

The electro-magnet is also useful to diagnose the presence of magnetic metal in a part of the eye from which the magnet cannot effect the extraction. The magnetic investigation requires some experience, in order to avoid giving the patient pain through a new traumatism brought about by the movement, under magnetic influence, of the metallic substance. In such cases the extraction must be made by the ordinary surgical means.

OTHER CASES.

In the metal industry there are other sources of injuries to the eyes. Grinding and polishing, for instance. Dry grinding especially carries particles of metal into the eyes of the workers; these particles form a sort of film on the cornea and produce inflammation. Here again the atomising of Preparation No. 4, followed by a washing with pure tepid water, prevents all inflammation and ill after effects. It should be remembered that these particles are always septic—all cutting compounds used in the engineering trades are germ carriers, and the eyes can be infected even without the introduction of foreign substances, and merely by contaminated fingers.

In many other industries workers are also exposed to injuries to the eyes from flying particles. Masons, Miners, Quarrymen, etc., may suffer from comparatively big particles projected into the eyes, and also from more or less intense inflammation, caused by the introduction of dust.

In the case of Masons, etc., the dust is nearly always of alkaline character, and the treatment would be as for an alkaline burn, although the instillation will seldom be necessary.

The same treatment is also applicable to workers in lime and cement works, in which the powders of lime or cement very often cause acute inflammation of the eyes.

In sugar factories and refineries it is not uncommon for boiling alkaline liquor to be projected into the eyes of workers from filter presses, etc. The alkaline treatment should be applied in these cases.

DUST AND THE EYES.

Dust is not only a constant menace to life, it is also the worst enemy to the eyes of workers in many industries and trades.

Apart from various dusts already mentioned, *i.e.*, metallic, brick, mortar, stone dust, etc., many industries are liable to emanate dust of various compositions and nature, but whatever be the base of those dusts, metallic, mineral or organic, it invariably carries noxious germs.

Dust of all descriptions produces affections generally known as :—

OPHTHALMOCONIOSIS, which assumes many forms, such as Blepharitis, simple or ulcerated, Conjunctivitis, Keratitis, etc.

The eye is a gateway for bacteria and the dreadful consequences which they may carry to the sight of the workers.

The cause of those Ophthalmoconiosis, Conjunctivitis, Blepharitis, etc., are twofold :—

1. The presence of an irritant giving rise to inflammation, such as dust.
2. A source of infection acting on the irritated part, such as bacteria.

In short, it can be said that all affections of the eyes due to introduction of dust have the same starting points :—

(a) Mechanical irritation by the dust.

(b) Bacteriological infection due to bacteria carried by dust.

It is not then illogical to say that the same mode of treatment can be successfully used in these various cases.

PREVENTIVE OR PROPHYLAXY.—It would be easy to prevent nearly all eye trouble produced by dust, by establishing in each works or factory a service of sterilisation of the eyes to which the workers should be compelled to submit at least once a week.

We know that in large works employing thousands of hands it is comparatively difficult to enforce such regulations.

But in any case it is imperative that a worker who feels an irritation of the eyes should be obliged to go immediately to the works surgery to receive the T.C.P. treatment. This will immediately prevent any development of the irritation or of infection.

IRRITATION OF THE EYES and CONJUNCTIVITIS.—Previous to any complication, viz., inflammation and infection leading to true Conjunctivitis, there is a feeling of irritation, sometimes of burning of the eyes and lids. Sometimes also there is a feeling as if there were grit in the eye. It is due to the roughening of the conjunctiva producing irritation of the cornea.

The treatment consists in washing the eye with tepid Preparation No. 3, and bathing same with tepid Preparation No. 4, using an eyebath.

Gentle massage on the eyelids pending bathing will facilitate the clearing away of the discharge, if any. If the discharge is marked, and there is resulting gumming of the eyelids, the edges of the lids should be smeared with some T.C.P. Ointment No. 33.

KERATITIS is an inflammation of the cornea which may have many predisposing causes. It can be produced by the introduction of certain kinds of dust or particles of stone, metals, etc., into the eye.

Keratitis produced by dust is always ulcerated, and a deep infection of all organs of the vision may result.

The treatment much resembles that for Conjunctivitis, but instillation with Preparation No. 4 is imperative several times a day.

T.C.P. Ointment No. 33 should also be applied on lids and surrounding parts.

When all infection has disappeared, a dressing with gauze soaked in Preparation No. 3 should be applied and kept in position for two or three days.

Ulcerated Conjunctivitis and Keratitis, if not properly treated, may cause ulcerated Blepharitis, which is an infective inflammation of the lids. The treatment is much the same as described for Conjunctivitis : cleanliness, eyebath, and use of T.C.P. No. 33 Ointment.

GENERAL HYGIENE OF THE EYES.

Many persons are of the opinion that the eyes should be frequently washed with an antiseptic, principally boric acid, or decoctions of certain plants.

As a matter of fact, boric acid has an irritating effect. It nearly always contains traces of sulphuric acid, and its use should be entirely suppressed.

Eyes in healthy condition do not need anything beyond the ordinary morning toilet supplemented by a further washing with tepid water in the evening before retiring.

It can be confidently stated that for cases of inflammation and infection of the eyes, T.C.P. will give the most satisfactory results.

PYORRHŒA.

The care of the teeth and mouth is essential under any climatic conditions, but it is indispensable in tropical countries and on board ship.

Many diseases originate through lack of mouth hygiene. On board ship the large use of preserved foods increases the tendency to scurvy and other infections of the mouth.

Pyorrhœa is one of them, and not only does this cause the loss of all or a large part of the teeth, but it is the cause of many internal troubles, such as disorders of the alimentary system, arthritis, chronic inflammation of the throat, and general toxæmia.

Preventive.

To prevent pyorrhœa, scurvy, and other teeth and mouth diseases, T.C.P. should be used as indicated. It must not be used in an erratic manner, but regularly, morning and evening.

The use of T.C.P. Dental Emulsion, in combination with T.C.P. Solution, is a sure preventive of all teeth and mouth diseases. If pyorrhœa already exists, the intervention of a Dentist is indispensable, as T.C.P. must be injected into the pockets created between the gums and the teeth by the bacteria. However, pending the attention of the Dentist, T.C.P. should be used as instructed, and will temporarily check the development of the disease.

As a preventive T.C.P. should be used as follows :—

1. Rinse the mouth well out with a solution containing one part T.C.P. and three parts water.

2. With the aid of a small brush or piece of cotton wool apply T.C.P. without dilution to the gums, taking care to see that the T.C.P. is applied at the junction of the tooth with the gum.
3. After an interval of a few minutes rinse the mouth out again with the solution described in the first paragraph.
4. Repeat this treatment two or three times a day.
5. Always consult a Dentist.

Although this "*Vade Mecum*" applies principally to the uses of T.C.P., we have thought it useful to give here as a reminder the Formulæ of a few presciptions, which can be usefully employed in conjunction with T.C.P. :—

1. CONSTIPATION.

(See special notes regarding T.C.P. B[3] Colloidal Emulsion, page 52).

2. CAMPHOR WATER.

Camphor	...	...	...	1 part.
Alcohol	...	...	...	1 part.
Water	...	...	...	98 parts.

Dissolve the Camphor in Alcohol and add water, stirring well.

One tablespoonful can be taken as a carminative.

3. ASTRINGENT.

Powdered Alum	...	...	...	Drachm 1
Water	...	...	...	Ozs. 8

Take two tablespoonfuls every 6 hours, for Miscarriage or Menorrhagia.

4. EMETICS.

Powdered Mustard	Tablespoonful	1
Common Salt	Teaspoonful	1
Warm water	Ozs.	12

Mix well and administer as one draught.

5. TONIC.

Quinine	Grains	20
Sherry	Ozs.	2
Water distilled	Ozs.	8

6. EFFERVESCING DRAUGHT.

Sodium Bicarbonate	Grains	17
Water	Ozs.	2

Add 14 grains Citric Acid when about to be taken.

7. DIURETIC.

Magnesium Citrate	Grains	20
Water	Ozs.	3

Dissolve all to make a draught.

8. SALINE SOLUTION.

For internal Oral use ½%, for Rectal injections 2½% Common Salt

POULTICES.

Poultices are made principally of bread, bran or linseed meal. Powdered charcoal is also recommended, in order to obtain an aseptic poultice. But charcoal is not always available, and it has been found that the addition of a small quantity of T.C.P., say a tablespoonful of the standard solution added to an ordinary sized poultice, renders it aseptic and applicable even to a gangrenous wound.

Notes on T.C.P. B^3 Colloidal Emulsion.

The antisepsis of the alimentary canal is the first step to be taken as internal treatment. Consequently in the case of intestinal toxaemia and auto-intoxication, also in gout, rheumatism, diseases of the liver and kidneys, when the blood requires purifying or the multiglandular system needs to be freed from toxins, the addition to trichlorophenylmethyliodosalicyl of another organopolyhalogen "tribromoacetyliodoorthooxybenzoic acid" (I.B.^{3}404) gives more rapid results. This mixture not only acts rapidly and completely in cases of intestinal toxaemia, but has also a calming effect on the nerves, and almost immediately suppresses all forms of neuralgia and rheumatism.

The above observations, made as a result of many years' experience, have induced the British Alkaloids, Ltd., to supply a preparation containing the above-named organopolyhalogens in suitable proportions, under the name of T.C.P. B^3 Colloidal Emulsion.

Directions.

For Adults. One tablespoonful of T.C.P. B^3 Colloidal Emulsion mixed with 4 or 5 parts of warm or cold water (preferably cold) to be taken morning and evening before or after meals, but before is recommended.

This treatment is applicable in all forms of dysentery, enteritis, gastro enteritis, colitis, constipation, flatulence and generally to all troubles of the alimentary canal. The Colloidal Emulsion is also strongly recommended in cases of hypertension and of arterio sclerosis, and should be taken as indicated above.

In acute cases of the diseases mentioned the emulsion can be taken with advantage three times a day.

For Children. The dose for a child under 5 years of age should be one teaspoonful of emulsion in 6 or 7 parts of water, twice a day.

Children from 5 to 12 years of age should take two teaspoonfuls, twice a day.

T.C.P. DENTAL EMULSION.

The base of the T.C.P. Dental Emulsion is a cleansing agent more effective than soap.

This cleansing agent is Emulsified with T.C.P. and certain essential oils.

The virtues of T.C.P. Dental Emulsion cannot be found in any other Dental Preparation. It stands alone, and no comparison can be made in point of efficiency. It is manufactured from expensive raw material combined in a new and complete form.

Apart from its really great antiseptic power, this emulsion is strongly recommended to accomplish better than any other dental product the physical and mechanical cleansing of the teeth.

Directions for use.

The brush on which the emulsion is used should not be too harsh. The handle of the brush slightly curved facilitates the brushing of the back teeth.

Dip the brush in tepid water, cover the bristles with the emulsion and brush the teeth from the gums towards the summits. Brushing across them should be avoided as particles of food are thus forced between the teeth.

Rinse the mouth carefully to eliminate the food debris, which the brushing has detached, and perform the operation a second time. Lukewarm water containing 10% of T.C.P. Standard Solution should be used. All food debris should now have been eliminated, and this cleansing operation must be succeeded by the sterilizing treatment.

The brush should be well rinsed and then soaked with T.C.P. mixed with its own volume of water. Gently brush the teeth, gums, and all accessible parts of the mouth. Use sufficient of this solution to enable it to reach the interspaces of the teeth and all cavities. Do not rinse the mouth after this operation.

T.C.P. stimulates the flow of saliva. Brushes should be well washed and sterilized with T.C.P.

T.C.P. will stop pain in the case of neuralgia, abscesses, stomatitis, and is indispensable when a Dentist is not immediately available.

T.C.P. OINTMENTS.

The T.C.P. Ointments are of various strengths and prepared with various bases according to the ailment for which they are applicable.

One property which is common to all T.C.P. Ointments however is the Germicidal virtue.

Other valuable properties exist in T.C.P. Ointments as T.C.P. (Trichlorophenylmethyliodosalicyl) is not only a germicidal agent but also Analgesic, Antithermic, Non-Caustic, Non-Hæmostatic, Endosmotic, Keroplastic, Non-Toxic.

Moreover, the various bodies employed in the composition of the bases, or added to them, are such, that lateral properties are often added to those of T.C.P. Indeed, an ointment may be not only antiseptic or germicidal, but also sedative, stimulant, astringent, revulsive, suppurative, anti-neuralgic, anti-rheumatic, etc., etc.

In many cases ointments are intended to fulfil two or more purposes simultaneously.

This is the case in the various T.C.P. Ointments in which all the virtues of T.C.P. are retained, and other virtues added.

No vegetable or animal fats are used in the various bases of the T.C.P. Ointments.

These bases are of mineral composition and various melting points, compounded according to the temperature of the countries in which the ointments have to be used. They have no tendency to decompose or become rancid.

To the bases is added a colloidal mineral, which acts as a carrier, and has the effect of draining from the ointment, to the affected part, the T.C.P. or other addition to T.C.P. in a definite length of time, according to necessity.

The addition of the colloidal mineral has the advantage of soaking up a certain amount of discharge, and also, owing to its porosity, permits evaporation from the surface.

No. 33.—For Varicose Eczema, Chilblains, Stings, Piles, Ringworm, Cuts, Burns, etc.

No. A.270.—For Eczema, Bruises, Herpes, Acne, Adenitis, etc.

No. B.360.—For Purulent Eczema, Tumours, Ulcers, Lupus, Psoriasis, etc.

Notes.

T.C.P. is 60 times more powerful than Boric Acid, much more powerful than Carbolic, yet *is perfectly harmless in every hand.*

T.C.P., as indicated in these treatments applies to the Standard Solution as supplied by the Manufacturers.

All water used in conjunction with T.C.P. should have been previously boiled or, if possible, distilled.

T. C. P.

is supplied amongst others to :—

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Orpington.
Shepherd's Bush.
} London.

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BROOK TOOL MANUFACTURING CO., LTD., BIRMINGHAM.
BROWETT, LINDLEY, & CO., LTD., PATRICROFT.
BRUCE, PEEBLES & CO., LTD., EDINBURGH.
BULLERS, LTD., TIPTON.
BUSH, EDWARD, & SON, LTD., LEEDS.

ENGINEERING, SHIPBUILDING, STEEL AND IRON COMPANIES—continued.

Butterworth & Dickinson, Ltd., Burnley.
Cargo Fleet Iron Co., Ltd., Middlesbrough.
Carntyne Steel Castings Co., Renfrew.
Carson, Jas., & Co., Ltd., London.
Cary, Wm. E., Ltd., Manchester.
Central Marine Engine Works, West Hartlepool.
Chamberlain & Hookham, Ltd., Birmingham.
Clark, Geo. (Sheffield), Ltd., Sheffield.
Clyde Alloy Steel Co., Ltd., Motherwell.
Colville, D., & Sons, Ltd., Glasgow.
Connollys (Blackley), Ltd., Manchester.
Coulthurst, H. J. & A., Darwen.
Coventry Radiator & Presswork Co., Ltd., Coventry.
Crichton, C. & H. (1921), Ltd., Liverpool.
Crosthwaites, Ltd., Thornaby-on-Tees.
Dickie, Jas., & Co., Ayr.
Dickinson, Wm., & Sons, Blackburn.
Dobson, Wm., & Co., Low Walker.
Docker Bros., Ltd., Birmingham.
Dockhead Engineering Co., Ltd., London.
Dodd, S., & Sons, Ltd., Oldham.
Dorman, Long, & Co., Ltd., London.
Edie & Co., Ltd., London.
Evered & Co., Ltd., Birmingham.
Ferodo, Ltd., Stockport.
Ferous Light Castings, Ltd., Warrington
Fielding & Platt, Ltd., Gloucester.
Fletcher, Geo., & Co., Ltd., Derby.
Follows & Bate, Ltd., Manchester.
Fraser & Chalmers Engineering Works, Ltd., Erith.
Furness, Withy & Co., Ltd., London.
Fuller, R., & Son, Luton

ENGINEERING, SHIPBUILDING, STEEL AND IRON COMPANIES—continued.

GARDNER, JOHN, & SON, LTD., BIRMINGHAM.
GILLESPIES, LTD., BONNYBRIDGE.
GLANMOR FOUNDRY CO., LTD., LLANELLY.
GLENAVON ENGINEERING WORKS, GLASGOW.
GLOUCESTER RAILWAY CARRIAGE & WAGON CO., LTD., GLOUCESTER.
GLOUCESTER WELDING & SHEET METAL CO., LTD., GLOUCESTER.
GWYNNE & CO. (1926), LTD., BRITON FERRY.
HAM, BAKER & CO., LTD., BIRMINGHAM.
HARLAND ENGINEERING CO., LTD., SALFORD.
HARLING & TODD, LTD., BURNLEY.
HARPER, PHILLIPS & CO., LTD., GRIMSBY.
HARRIS PLATING WORKS, LTD., LONDON.
HARRISON MCGREGOR & CO., LTD., LEIGH.
HARRISON, T. S., & SONS, LTD., HECKMONDWIKE.
HARVEY, G. A., & CO. (LONDON), LTD., WOOLWICH.
HASLAM FOUNDRY & ENGINEERING CO., LTD., DERBY.
HATHORN, DAVEY & CO., LTD., LEEDS.
HAYWARDS, LTD., LONDON.
HENDERSON, D. & W., & CO., LTD., PARTICK.
HIGH SPEED STEEL ALLOYS, LTD., WIDNES.
HILL, H. & J. (WILLENHALL), LTD., WILLENHALL.
HOLLICK & PRATT, LTD., COVENTRY.
HOLMES, W. C., & CO., LTD., HUDDERSFIELD.
HOPE, HENRY, & SONS, LTD., BIRMINGHAM.
HOPKINSONS, LTD., HUDDERSFIELD.
HURST, NELSON & CO., LTD., MOTHERWELL.
HYDE, R. J., LTD., SHEFFIELD.
INCANDESCENT HEAT CO., LTD., BIRMINGHAM.
INTERNATIONAL COMBUSTION, LTD., BARROW-IN-FURNESS.
IRVINE'S SHIPBUILDING & DRY DOCKS CO., LTD., HARTLEPOOL.

ENGINEERING, SHIPBUILDING, STEEL AND IRON COMPANIES—continued.

JOHNSON, MATTHEY & CO., LTD., MANCHESTER.
KERR, ROBT., & SONS, LTD., IRVINE.
KYNOCHS, LTD., BIRMINGHAM.
LANCASTER & CO. (BOW), LTD., LONDON.
LATONA ENGINEERING CO., LTD., LONDON.
LEEDS FORGE CO., LTD., LEEDS.
LEES, T. & R., LTD., OLDHAM.
LEVEN SHIPBUILDING CO., LTD., DUMBARTON.
LION FOUNDRY CO., LTD., KIRKINTILLOCH.
LOCKE, LANCASTER, AND W. W. & R. JOHNSON & SONS, LTD., MILLWALL.
MARSTON, JOHN, LTD., WOLVERHAMPTON.
MASSEY, B. & S., LTD., MANCHESTER.
MUSGRAVE, J. & SON, LTD., BOLTON.
METROPOLITAN CARRIAGE, WAGON & FINANCE CO., LTD., BIRMINGHAM.
MEAD & DEAKIN, LTD., TYSELEY.
MITCHELL, SHACKLETON, LTD., MANCHESTER.
MONKS, HALL & CO., LTD., WARRINGTON.
MONARCH ENGINEERING CO., LTD., LONDON.
MOND NICKEL CO., LTD., LONDON.
NATIONAL STEEL FOUNDRY (1914), LTD., LEVEN.
NOBEL INDUSTRIES, LTD., LONDON.
NORTH ACTON MACHINE TOOL CO., LTD., LONDON.
PARK ROYAL ENGINEERING CO., LONDON.
PALMERS SHIPBUILDING AND IRON CO., LTD., JARROW.
PARSONS MARINE STEAM TURBINE CO., LTD., NEWCASTLE.
PARKINSON & COWAN, LTD., LONDON.
PEARSON & KNOWLES COAL & IRON CO., LTD., WARRINGTON.
PEGG, SAMUEL, & SONS, LEICESTER.
PILLING, JOHN, & SONS, LTD., COLNE.
PLATT, SAMUEL, LTD., WEDNESBURY.

ENGINEERING, SHIPBUILDING, STEEL AND IRON COMPANIES—continued.

POTTER & CO. (WIRE WORKS), LONDON.
POTTS, CASSELS & WILLIAMSON, MOTHERWELL.
PROCTER BROS. (WIRE WORKS), LTD., LEEDS.
PROTHERO STEEL TUBE CO., LTD., WEDNESBURY.
RADIONS, LTD., BOLLINGTON.
RANSOME & MARLES BEARING, LTD., NEWARK-ON-TRENT.
REDPATH, BROWN & CO., LTD., GLASGOW, ETC.
ROBB, H., LTD., LEITH.
ROUND & SON, LTD., SHEFFIELD.
RUBERY, OWEN & CO., LTD., DARLASTON.
RICHMOND GAS STOVE & METER CO., LTD., WARRINGTON.
SERCK RADIATOR, LTD., BIRMINGHAM.
SMALL & PARKES, LTD., MANCHESTER.
SMITH & COVENTRY, LTD., SALFORD.
SMITH & PAGET, LTD., KEIGHLEY.
SMITH, S., & SONS, LTD., SMETHWICK.
SOUTH DURHAM STEEL & IRON CO., LTD., SEATON CAREW.
SPURR, INMAN & CO., LTD., WAKEFIELD.
STEPHEN, ALEX., & SONS, LTD., GLASGOW.
ST. GEORGE'S ENGINEERS, LTD., MANCHESTER.
STEWARTS & LLOYDS, LTD., COATBRIDGE, ETC.
STRACHAN & BROWN, LONDON.
SUMNERS, JOHN, & SONS, LTD., CHESTER.
TAYLOR, BROS., LTD., TRAFFORD PARK.
TAYLOR BROS., LTD., MANCHESTER.
TAYLOR, LANG, & CO , LTD., STALYBRIDGE.
THOMAS, RICHARD, & CO., LTD., LLANELLY.
THOMAS, RICHARD, & CO., LTD., SWANSEA.
TUBES, LTD., BIRMINGHAM.
TULLIS, D. & J., LTD., CLYDEBANK.
UNITED STEEL CO., LTD., WORKINGTON.
UNITED WIRE WORKS, LTD., BIRMINGHAM.

ENGINEERING, SHIPBUILDING, STEEL AND IRON COMPANIES—continued.

Vaughan, H. & T., Ltd., Willenhall.
Vickers, Armstrong, Ltd., Erith.
Vickers and International Combustion Engineering, Ltd., Barrow-in-Furness.
Waddington, Jas., & Sons, Ltd., Barrow-in-Furness.
Walker & Hall, Ltd., Sheffield.
Ward & Goldstone, Ltd., Manchester.
Westminster Engineering Co., Ltd., London.
Whitaker, R. G., Ltd., Kingston-on-Thames.
Widnes Foundry (1925), Ltd., Widnes.
Wiggins, H., & Co., Ltd., Birmingham.
Williams, Edward, Birmingham.
Williamson, R., & Sons, Ltd., Workington.
Winn, W. Martin, Ltd., Darlaston.
Wiseman, Alfred, Ltd., Birmingham.
Wolverhampton Metal Co., Ltd., Wolverhampton.
Woodhead, Jonas, & Sons, Ltd., Leeds.

MECHANICAL AND ELECTRICAL ENGINEERING COMPANIES.

Accles & Pollock, Ltd., Birmingham.
Albion Motor Car Co., Ltd., Glasgow.
Armstrong Siddeley Motors, Ltd., Coventry.
Armstrong Whitworth Aircraft, Ltd., Coventry.
Artofex Engineering Works, Ltd., London.
Bean Cars, Ltd., Birmingham.
Beardmore Motors, Ltd., London.

MECHANICAL AND ELECTRICAL ENGINEERING COMPANIES—continued.

Bentley Motors, Ltd., London.
Bowden Brake Co., Ltd., Birmingham.
Bray, Geo., & Co., Ltd., Leeds.
British Insulated Cables, Ltd., Prescot.
British Thomson-Houston, Ltd., London.
Brush Electrical Engineering Co., Ltd., Loughborough.
Calcott Bros., Ltd., Coventry.
Chadwick Machine Co., Ltd., Cleckheaton.
Callenders' Cable Co., Ltd., Leigh.
Chrysler Motors, Ltd., London.
Chloride Electrical Storage Co., Ltd., Manchester.
Citroen Cars, Ltd., London.
Collaro, Ltd., London.
Consolidated Pneumatic Tool Co., Ltd., London.
Crossley Motors, Ltd., Manchester.
De Havilland Aircraft Co., Ltd., Hendon.
D. P. Battery Co., Ltd., Bakewell.
Edison Bell, Ltd., London.
Enfield Cycle Co., Ltd., Redditch.
Ericson Telephones, Ltd., Nottingham.
English Electric Co., Ltd., Stafford, Wolverhampton, and Bradford.
Francis & Barnett, Ltd., Coventry.
General Motors, Ltd., Hendon.
Gramophone Co., Ltd., Southall.
Guy Motors, Ltd., Wolverhampton.
Hackbridge Electric Construction Co., Ltd., Walton-on-Thames.
Hawker Engineering Co., Ltd., London.
Henley's Telegraph Co., Ltd., London.
Hercules Cycle & Motor Co., Ltd., Birmingham.
Igranic Electric Co., Ltd., Bedford.

MECHANICAL AND ELECTRICAL ENGINEERING COMPANIES—continued.

Jowett Cars, Ltd., Bradford.
Karrier Motors, Ltd., Huddersfield.
Keenok Gears, Ltd., London.
Lancashire Dynamo and Motor Co., Ltd. Manchester.
London Power Co., Ltd., London.
Lucas, J., Ltd., Birmingham.
Marconi's Wireless Telegraph Co., Ltd., London.
Melen, Ltd., London.
Michelin Tyre Co., Ltd., Stoke-on-Trent.
Morris Cars, Guildford.
Napier & Sons, Ltd., London.
Premier Gas Engine Co., Ltd., Sandiacre.
Prestwick, J. A., & Co., Ltd., London.
Protector Lamp & Lighting Co., Ltd., Manchester.
Raleigh Cycle & Motor Co., Ltd., Nottingham.
Revo Electric Co., Ltd., Tipton.
Riley (Coventry), Ltd., Coventry.
Rolls Royce, Ltd., Derby.
Salford Electrical Instruments, Ltd., Manchester.
Sandham Engineering Co., Ltd., London.
Singer & Co., Ltd., Coventry.
Stevens, A. J., & Co., Ltd., Wolverhampton.
St. Helens Cable & Rubber Co., Ltd., Slough
Swift of Coventry, Ltd., Coventry.
Tan-Sad Co., Ltd., Birmingham.
Taylor, Ltd., L. & L. T., Wolverhampton.
Thomas Bertram, Manchester.
Thorneycroft, John J., & Co., Ltd., London
Three Star Accumulators, Ltd., London.
Wolseley Motors (1927), Ltd., Birmingham.
Zenith Carburetter Co., Ltd., London.

TANNING INDUSTRY.

ANGUS, LTD., NEWCASTLE.
ASTMOOR TANNING CO., LTD., RUNCORN.
BARKER, WM., & SONS, LTD., OTLEY.
BRITISH CHROME TANNING CO., LTD., NORTHAMPTON.
CENTRAL TANNERIES, LTD., WARRINGTON.
COX, JOHN & CO., SUCCESSORS, LTD., BRISTOL.
DEAN & CO. (STOCKPORT), LTD., STOCKPORT.
DENSHAM, H., & SONS, LTD., BRISTOL.
EVANS, P. & S., & CO., LTD., BRISTOL.
GRAPPENHALL TANNERY CO., LTD., WARRINGTON.
GUEST BROS , LTD., WARRINGTON.
HANLON, JAS., & SON, LTD., LIVERPOOL.
HAWTHORN TANNERY, LTD., LIVERPOOL.
HIGHFIELD TANNING CO., LTD., RUNCORN
HOLDEN, E., & SONS, LTD., WALSALL.
HOLMES, THOMAS, & SON, LTD., HULL.
HUTCHING, T. & W., LTD., WARRINGTON.
INGLE, W. L., LTD., LEEDS.
LATCHFORD TANNERY, LTD., WARRINGTON
MARTIN, W. & J., GLASGOW.
MOHUN, JOHN G., & SON, PUDSEY.
PENKETH TANNING CO., LTD., WARRINGTON.
PIERPONT & BRYANT, LTD., WARRINGTON.
PURITAN TANNING CO., LTD., RUNCORN.
RANDALL & PORTER, LTD., ULVERSTONE.
SAGAR, W. & J., COLNE.
SMITH, S., & SONS (COLNE), LTD., COLNE.
TEBBITT BROS., LTD., LONDON.
TURNEY BROS., LTD., NOTTINGHAM.
UNION TANNERIES, LTD., WARRINGTON.
WALKERS, LTD., LIVERPOOL.
WALKER, ROLAND, & SONS, CLECKHEATON.
WARE, THOS., & SONS, LTD., BRISTOL.
WARING, A., & CO., LTD., WARRINGTON.
WHITE, JOHN, & SONS, LTD., BINGLEY.
WHITMORES (EDEN BRIDGE), LTD., LONDON.

BREWERS, MINERAL WATER MANUFACTURERS.

Barclay, Perkins & Co., Ltd., London.
Brandon's Putney Brewery, Ltd., London.
Charrington's Brewery, London.
Distillers Co., Ltd., Liverpool.
Foster, M. B., & Sons, London.
Fremlin Bros., Ltd., London.
Groves & Whitnall, Ltd., Manchester.
Hammonds' Bradford Brewery Co., Ltd., Bradford.
Hannan's Uxbridge Brewery, Ltd., Uxbridge.
Hey, J. & Co., Ltd., Bradford.
Hodgson's Kingston Brewery Co., Ltd., Kingston-on-Thames.
Read Bros. Bottling Stores, London.
Schweppes, Ltd., London, etc.
Shaw, Geo., & Co., Ltd., Leigh.
Showells Brewery Co., Ltd., Birmingham.
Threlfalls Breweries, Ltd., Liverpool.
Truman, Hanbury, Buxton & Co., Ltd., London.
Whiteway, Henry & Co., Ltd., Exeter and London.
Whitbread & Co., Ltd., London.
Young & Co.'s Brewery Co., Ltd., Wandsworth.

FOOD MANUFACTURERS AND PURVEYORS.

Avon Cold Storage Co., Bristol.
Bibby, J. J., & Sons, Ltd., Liverpool.
Brooks Wharf and Bull Wharf, London
Carltona, Ltd., London.
Chivers & Co., Ltd., Histon.
Crawford, W., & Sons, Ltd., Liverpool
Crystal Ice Works, Ltd., Stockport.

FOOD MANUFACTURERS AND PURVEYORS—continued.

English Margarine Works, Ltd., Liverpool.
Eldorado Ice Cream Co., Ltd., London.
Express Dairy Co., Ltd., London.
Faulder, H., & Co., Ltd., Stockport.
Gee & Webb, London.
Greenwood, Ltd., Trafford Park.
Hovis, Ltd., London, Macclesfield, etc.
Jones, R. E., Ltd., Swansea.
Kimball & Whitney, London.
London & Provincial Vinegar Co., Ltd., Cardiff
Macfarlane, Lang & Co., Ltd., London.
Mark Mayhew, Ltd., London.
Marriage & Neave, Ltd., London.
Meadow Dairy Co., Ltd., London.
Molassine Co., Ltd., London.
Paul Bros., Ltd., Birkenhead.
Pearce, Duff & Co., London.
Pure Ice Co., Ltd., London.
Rank, Joseph, Ltd., Hull.
Shackletons, Ltd., Blackburn.
Silcock, R., & Sons, Ltd., Liverpool.
Southwark Bacon Drying Co., London.
Sowerby & Co., Ltd., Grimsby.
Standard Yeast Co., Ltd., London.
Tate & Lyle, Ltd., Liverpool.
Thorley, J., Ltd., London.
Tickler, T. G., & Co., Ltd., Grimsby.
Times Cold Storage Co., Ltd., London.
Union Cold Storage Co., Ltd., London, Liverpool, etc.
United Dairies, Ltd., London.
Vernon & Sons, London.
Virol, Ltd., London.
West Midland Sugar Co., Ltd., Kidderminster.
Yeatman & Co., Ltd., London.

COLLIERY OWNERS.

Blaenavon Co., Ltd., Blaenavon.
Briggs, Henry, Sons & Co., Ltd., Normanton.
Brocklehurst, Thos., Ltd., Bolton.
Londonderry Collieries, Ltd., Seaham Harbour.
Pearson & Knowles Coal & Iron Co., Ltd., Warrington.
Sadler, Sir S. A., Ltd., Middlesbrough.
Welsh Navigation Steam Coal Co., Ltd., Cardiff.

TRANSPORT COMPANIES.

Birmingham & Midland Motor Omnibus Co., Ltd., Birmingham.
Bristol Tramways and Carriage Co., Ltd., Bristol.
Carter Paterson & Co., Ltd., London.
City & Suburban Carriers, Ltd., London.
Colonial Wharves, Ltd., London.
Hay's Wharf, London.
Hibernia Wharf, London.
Lep Transport & Depository, Ltd.
London Midland & Scottish Railway, Crewe.
London Transport & Depository, Ltd., London.
Liverpool & North Wales Steamship Co., Ltd., Liverpool.
Pickford's, Ltd., London.
Westminster Wharfage Co., Ltd., London.

HAT MANUFACTURERS.

Battersbys, Ltd., Stockport.
Sutton & Torkington, Ltd., Stockport.

GENERAL WORKS.

Acme Stopper & Box Co., Ltd., Birmingham.
Akers, J., London.
Akrill & Co., Ltd., West Bromwich.
Allied Newspapers, Ltd., Manchester.
Amalgamated Press, Ltd., London.
Arnold, E. J., & Sons, Ltd., Leeds.
Arnold, Harold, & Son, Ltd., Leeds
Ash's Manufacturing Co., London.
Associated Newspapers, Ltd., Manchester.
Barclay & Fry, Ltd., London.
Begg, A. & F., Glasgow.
Bell's Poilite & Everite Co., Ltd., Widnes.
Bemrose & Son, Ltd., Derby.
Bodden, Wm., & Sons, Ltd., Oldham.
Boutle, J. F., & Co., London.
Bradstreet, E. J., & Sons, Ltd., London.
British Glues & Chemicals, Ltd., Sutton-in-Ashfield.
British Goodrich Rubber Co., Ltd., Leyland.
British Oxygen Co., Ltd., London.
Brooks, J. B., & Co., Ltd., Birmingham.
Broughton Copper Co., Ltd., Salford.
Brown, T., & Son, Ltd., Pontefract.
Brown & Eagle, Ltd., London.
Butler, W., & Co. (Bristol), Ltd., Bristol
Byass, Robt., & Co., Ltd , Port Talbot.
Cafferata & Co., Ltd., Newark-on-Trent.
Caribonum, Ltd., London.
Clayton Aniline Co., Ltd., Manchester.
Collet, J. M., & Co., Gloucester.
Collett & Co., Ltd., Gloucester.
Connops, Ltd., Cradley Heath.
Courtney, Pope, & Co., Ltd., London.
Crosfield, Joseph, & Sons, Ltd., Warrington.
Cross Bros., Brentford.
Crown Cork Co., Ltd., Southall.

GENERAL WORKS—continued.

Cleckheaton Engineering & Motor Co., Ltd., Cleckheaton.
Darwen Paper Mills Co., Ltd., Darwen.
Dawson, Payne & Elliott, Ltd., Otley.
Deptford Glass Works, Ltd., London.
Dixon, P., & Sons, Ltd., Grimsby.
Dodd, S., & Sons, Ltd., Oldham.
Doultons Pottery, Ltd., Burslem.
Eadie Bros. & Co., Ltd., Paisley.
Earle, G. & T. (1925), Ltd., Hull.
East Lancashire Paper Mills, Ltd., Radcliffe.
Edge, W., & Sons, Ltd., Bolton.
Edwards, Ringer & Bigg, Bristol.
Ellangowan Paper Co., Ltd., Milngavie.
Ellison, H. & Co., Ltd., Cleckheaton.
Eskmeals Granite Co., Ltd., Barrow.
Exmoor Paper & Bag Co., Ltd., Watchet
Farmiloe, T. & W., Ltd., London.
Forrest & Son (Paisley), Ltd., Paisley.
Forman, Thos., & Sons, Ltd., Nottingham.
Forsters Glass Co., Ltd., St. Helens.
Gallaher, Ltd., Belfast.
Gilbertson & Co., Ltd., Swansea.
Gilchrist Bros., Ltd., Leeds.
Gillette Works, Ltd., Slough.
Greengate & Irwell Rubber Co., Ltd., Manchester.
Hall, John, & Sons (Bristol & London), Ltd., London.
Hibberd Bros., Ltd., London.
Hilliard & Haslam, Bolton.
Hirst, Chas., & Sons, Ltd., Cleckheaton.
Hudson & Kearns, Ltd., London.
Hull Daily Mail, Hull.
Illingworth, Thos., & Co., Ltd., London.
Jackson, G., & Sons, Ltd., London.

GENERAL WORKS—continued.

JOHNSON, SAMUEL, & SONS, SHEFFIELD.
JOHNSON, S., LTD., BURSLEM.
JOHNSEN & JÖRGENSEN, LTD., LONDON.
KAY, WM., LTD., BOLTON.
KING, E., BLACKBURN.
KING'S CROSS LAUNDRY, LONDON.
KNIGHT, JOHN, & SONS, LTD., SILVERTOWN.
LEYLAND & BIRMINGHAM RUBBER CO., LTD., LEYLAND.
LINOLEUM MANUFACTURING CO., LTD., STAINES.
LIVERPOOL POST & MERCURY, LTD., LIVERPOOL.
LODERS & NUCOLINE, LTD., SILVERTOWN.
LONDON ALUMINIUM CO., LTD., BIRMINGHAM.
LONDON STEAM CARPET BEATING CO., LONDON.
LONGWORTH, WM., & SONS, LTD., BOLTON.
LUTON CARDBOARD BOX FACTORY, LTD., LUTON.
MABIE, TODD & CO., LTD., LONDON.
MANCHESTER GUARDIAN & EVENING NEWS, LTD., MANCHESTER.
MANDER BROS., LTD., WOLVERHAMPTON.
MAPPIN & WEBB, LTD., SHEFFIELD.
MARKHAM & CO., LTD., CHESTERFIELD.
MARLEY BROS., LTD., BIRMINGHAM.
MEADOWS, H., LTD., WOLVERHAMPTON.
MESSENGER & SONS, BIRMINGHAM.
MILLINGTON & SONS, LTD., LONDON.
MILLS, WM., LTD., BIRMINGHAM.
MINT, LTD., THE, BIRMINGHAM.
MITCHELLS, ASHWORTH, STANSFIELD, & CO., LTD., WATERFOOT.
MORRALL, ABEL, LTD., REDDITCH.
MOSELEY, D., & SONS, LTD., MANCHESTER.
MYERS & SON, BIRMINGHAM.
NEWTON, JOHN, & SONS, LTD., LONDON.
NORBURY, NATZIO, & CO., LTD., MANCHESTER.
NORTH OF ENGLAND SCHOOL FURNISHING CO., LTD., DARLINGTON.

GENERAL WORKS—continued.

Norton & Gregory, Ltd., London.
Norton, Lloyd & Co., Ltd., Manchester.
Novocrete Cement & Products Co., Ltd., London.
Peebles, A. M. & Sons, Ltd., Blackburn.
Penny, J. A., & Co., Ltd., Stockport.
Perks, John, & Sons, Ltd., Wolverhampton.
Perry & Co., Birmingham.
Phillips, J. A. & Co., Ltd., Smethwick.
Phillips & Day, Ltd., Birmingham.
Pilling, R. H. & Co., Ltd., Rawtenstall.
Price's Patent Candle Co., Ltd., Manchester.
Putney, Samuel, Ltd., London.
Radcliffe Paper Mill Co., Ltd., Radcliffe.
Redfern's Rubber Works, Ltd., Manchester.
Rigby, John, & Sons, Ltd., Cleckheaton.
Roberts Bros. (Gloucester), Ltd., Gloucester.
Robson, Ltd., Birmingham.
Rylands Bros., Ltd., Warrington.
Saw Mills Co., London.
Scott, Son & Tucker, Ltd., London.
Scotts' Timber Co., Ltd., Glasgow.
Sears, J., & Co. (True Form Boot Co.), Ltd., Northampton.
Shanks & Co., Ltd., London.
Sissons, Bros., & Co., Ltd., Hull.
Smith, Fredk., & Co., Ltd., Salford.
Smith, John, Ltd., Birmingham.
Spalding, A. & G., Ltd., London.
Spencer Wire Co., Ltd., Heckmondwike.
Staples & Co., Ltd., London.
Steven & Struthers, Glasgow.
Storry, Smithson, & Co., Ltd., Hull.
Taylor & Petters, Ltd., London.
Thames Steam Saw Mills, Ltd., Erith.
Thornell, Owen, Ltd., Birmingham.

GENERAL WORKS—continued.

THREE PLY BOX CO., LTD., LONDON.
TUCKER, J. H., & CO., LTD., BIRMINGHAM.
TUDOR WIRELESS CABINET MANUFACTURING CO., LONDON.
TURNER, SAMUEL & CO., LTD., ROCHDALE.
UNITED ALKALI CO., LTD., WIDNES.
UNITED FLEXIBLE METALLIC TUBING CO., LTD., LONDON.
UNITED GLASS BOTTLE CO., LTD., ST. HELENS.
UNITED WATER SOFTENERS, LTD., MIDDLESEX.
WALL, HOWARD, LTD., LONDON.
WALPAMUR CO., LTD., DARWEN.
WALL PAPER MANUFACTURERS, LTD. (4 Branches), DARWEN.
WATSON, HENRY, & SONS, LTD., NEWCASTLE.
WEBB, THOS., & CORBETT, LTD., STOURBRIDGE.
WESLEY, HAROLD, LONDON.
WESTERN HERITABLE INVESTMENT CO., LTD., GLASGOW.
WILD, JOHN, & SONS, LTD., RADCLIFFE.
WILLIAMSON, T. & R., LTD., RIPON.
WINSTON, B., & SONS, LONDON.
WITTON-JAMES, LTD., HENDON.
WOODSIDE BRICK CO., LTD., SHEFFIELD.
YAGER, H., LTD., MIDDLESEX.
YARDLEY & CO., LTD., LONDON.
YATES & DUXBURY & SONS, LTD., BURY.
"ZETA" WOOD FLOORING (1910) CO., LTD., LONDON.

CORPORATION DEPARTMENTS, GAS & ELECTRIC LIGHT COMPANIES.

ACCRINGTON CORPORATION (SCHOOL MEDICAL SERVICE DEPARTMENT).
BIRMINGHAM CITY GAS DEPARTMENT.
,, SALVAGE DEPARTMENT.
,, FIRE BRIGADE.
,, ELECTRIC POWER STATION.
,, EDUCATION COMMITTEE (Schoo Clinic).
,, TRAMWAYS DEPARTMENT.
BLACKBURN COUNTY BOROUGH TRAMWAYS DEPARTMENT.
BLACKPOOL COUNTY BOROUGH TRAMWAY DEPARTMENT.
BLACKPOOL COUNTY BOROUGH GAS DEPARTMENT.
BOLTON CORPORATION GAS WORKS.
BURNLEY COUNTY BOROUGH GAS DEPARTMENT.
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T.C.P. Solution

PRICE LIST.

(United Kingdom.)

T.C.P.	...	**per Gallon Jar** ...	**Price 50/-**
,,	...	,, ½-Gal. ,, ...	,, **25/-**
,,	...	,, **Quart Bott.** ...	,, **15/-**
,,	...	,, **Pint** ,, ...	,, **7/6**
,,	...	,, **8 oz.** ,, ...	,, **3/-**

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Packing and Jars extra at cost, Returnable.

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T.C.P. Ointments

For Use at Home and Abroad.

No. 33

Gout, Rheumatism, Neuralgia, Mosquito Bites, and General Household Use.

A 270

Eczema, Bruises, Herpes, Acne, etc.

B 360

Purulent Eczema, Malignant Tumours, Ulcers, etc.

8oz. 14/-, 4oz. 7/6, 2 oz. 4/-, 1oz. 2/6

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Dental Emulsion

SUPPLIED IN TUBES

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T.C.P.

B^3 Colloidal Emulsion

for

Internal Medication

Price

4/- per 8oz. Bottle.

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EXPORT.

T.C.P.

(TRICHLOROPHENYLMETHYLIODOSALICYL)

CURATIVE GERMICIDE.

Supplies can be obtained locally, and all information, from the following :—

INDIA & BURMA -	Messrs. Oakley, Bowden & Co., Madras.
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FEDERATED MALAY STATES STRAITS SETTLEMENTS	Messrs. Sandilands, Buttery & Co. Penang, Singapore, Kuala Lumpur.
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CHINA - - -	Messrs. Jas. Hamilton Ltd., Shanghai.
BRITISH HONDURAS	Messrs. Jas. Brodie & Co., Belize.
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ATLAS WORKS, VICTORIA ROAD, LONDON, N.W.10.
86, BANNER STREET, LONDON, E.C. 1.

Testimony received from Prominent Industrial Firms in the United Kingdom on the efficiency of T.C.P. in the First Aid and Ambulance Sections.

Dr. —— reports :—" In cases of fresh Wounds, Burns and Scalds, Ulcers, Eczema, Nasal Catarrh, and Stomatitis, the T.C.P. has been of more than ordinary value ; it is especially useful in preventing infection of fresh wounds ; **the T.C.P. should be kept on estates, ships, mines, factories, etc., in short, everywhere where the working man of any colour is exposed to hurts, burns, etc. I am able to give the T.C.P. my convinced recommendation.**

LEEDS.—" In one case of a gathered thumb that had been suppurating for two or three weeks, it healed in two or three days after the application of the T.C.P. Ointment."

BARROW-IN-FURNESS.—" We have pleasure in informing you that we have used T.C.P. in the case of injuries to our workpeople, and that we have found it entirely successful.

" One case especially we had under notice, that of crushed fingers, healed up in surprisingly short time after the application of T.C.P."

LONDON.—Extract from a letter received from a London Wire Works :—

" Please supply per bearer 1 quart T.C.P. We have pleasure to say that **since using this preparation we have not had a single case of Blood Poisoned Wounds, which have been one of our troubles in the past.**"

LONDON.—" I beg to say I have given your T.C.P. a fair trial, and found it very effectual in **cases of Sepsis.**"

MANCHESTER.—*Copy of letter addressed by a user of T.C.P. to the manufacturers.*

The British Alkaloids Limited, 104 Winchester House, London, E.C. 2.

Dear Sirs,

I beg to enclose a copy of a letter despatched to-day. Further comment would appear to be unnecessary.

Yours faithfully,

" P. Bullough, Esq., Accident Claims Inspector, Federation of Master Cotton Spinners' Association, Ltd., 527 Royal Exchange, Manchester.

" Dear Sir,

" My Directors suggest that I should bring to your notice a product known as ' T.C.P.,' made

by the British Alkaloids Limited, of 104 Winchester House, Old Broad Street, E.C. 2, which we have used during the past twelve months in our Ambulance Department.

"It has given us **remarkable results** as regards avoidance of **Septic** conditions, or has quickly removed them if present before its use and has promoted **remarkably rapid healing.**

"We have, of course, no interest in this product, but we recommend it to you with the idea that its general use by your members would in our opinion **reduce your total of payments against claims.**

"Yours faithfully."

....., The Managing Director, Messrs. ....., Sheffield, reports :—

"T.C.P. has been used with splendid results in all cases of accidents in these works, and **not one single case has turned septic since using it.**

"A severe case of scalding received First Aid treatment with T.C.P. and was greatly relieved, and was no doubt also prevented from turning septic.

"When any of the employees complain of sore throat, they are given T.C.P. gargle with remarkable results.

"We intend to use *nothing* but T.C.P."

Report received from Messrs. , Ltd., Huddersfield, Yorks, per Company's Representative :—

"I have called upon this firm to-day and held a very interesting interview with the Firm's Buyer and the gentleman in charge of the Ambulance Department, who both expressed the highest praise and satisfaction with the efficiency of T.C.P.

"They report some wonderful results such as bad cases of acute Sepsis in fingers and hands, and one case in particular yielded to T.C.P. **after having been treated by a local Medical man who could do nothing with it.**

"This firm are quite willing to recommend T.C.P., and have given permission for their name to be mentioned as a reference and recommendation to others, and will be only too pleased to answer any enquiry from other Works who may be considering the advisability of adopting T.C.P."

Report received from Messrs. Leigh, Lancs, per Company's Representative :—

"I had a long interview with Mr. Hayes, who expressed the greatest praise for T.C.P. He states that since its adoption at their Works they have used it generally and **have not had a single case of sepsis or infection.**

"Their further order is enclosed."

Testimony from Members of the Medical and Dental Professions, etc.

....., M.D., Lt.-Col., R.A.M.C., E.E.F., P.M.O., ..., Government Hospital, reports :—

"T.C.P. I have used with most excellent results on various cases in hospital.

"It appears to be what the Profession have been looking for since the discovery of Antiseptics."

....., M.R.C.S. Eng., L.R.C.P., London, late Asst. Pathol. Curat. of Mus. and House Physician St. Mary's Hospital, Bacteriol. i/c Milit. Laboratory, Port Said, and Anzac Field Laboratory, Sinai and Palestine, reports :—

"I gave a bottle of T.C.P. to a panel patient of mine suffering from a **Septic mouth.** I had already treated the patient with the usual remedies without success.

"Much to my astonishment, when the patient next reported to me, on the following day, her mouth was quite clean."

....., M.B. (London), some time Deputy Commissioner of Medical Services, London Region, Ministry of Pensions. Lately Medical Superintendent, Ministry of Pensions Hospital, Orpington, reports :—

"The Applications of T.C.P. and its Indications in Medical and Surgical Practice.

"This preparation, T.C.P., made by British Alkaloids, Limited, of 104, Winchester House, London, E.C.2 has, in my opinion, proved of exceptional value.

" My experience of it has extended over more than 6 years and commenced after meeting the discoverer, when I was in charge of a large General Hospital. After many satisfactory tests I introduced it to the notice of my Consulting Surgeons, who were impressed with the results of its use in many important operations, especially those for thoraco-plasty, where we entirely gave up the use of the Carrell Dakin Solution in favour of T.C.P. This is significant, and although T.C.P. is expensive, there can be no doubt that people don't mind paying more money if they can ensure more efficient service with more speedy recovery.

" In my practice it has been found that the use of T.C.P. Liquid in treatment of chronic sinus cases, following old fracture of bones, in war wounds, or in the cases of trophic ulceration and abscesses, the inevitable consequences of paraplegia resulting from wounds of spine, the effects have been surprising.

" Sinuses and ulcers have been scraped, irrigated with normal saline solution, subsequently packed with sterilised gauze soaked in T.C.P., and afterwards irrigated with a 1-10 dilution of the normal T.C.P. and re-packed with gauze soaked in the full strength of the solution.

" But the most spectacular use of this preparation has only been known to me during the last 12 months, when it has been used internally, in combination with Colloidal Silicate of Aluminium as an intestinal and gastric antiseptic ; the curative effect of this combination in cases of hyperchlorhydria, with its accompanying pain and almost paralysing discomfort, have been amazingly satisfactory.

" There is a vast number of people of middle age who suffer pain and discomfort from digestive disturbances ; they have poor appetites ; they have gastric and intestinal spasms, which are painful ; **they sleep very badly indeed,** and go about with little boxes of " digestive tablets " and " soda mint tablets " and the like !—their lives are miserable. They possibly smoke too much ; they often work too hard, and many of them, perhaps, are apt to " stoke up " with alcohol in its various forms " to keep them going."

" To these people the preparation known as T.C.P. in suitable combination, is an absolute godsend. After a short while all unpleasant symptoms disappear, sleep comes naturally and comfortably, appetite improves, pains and aches are gone.

" The class of patient affected by the signs and symptoms above described is a very large one, and if the medical profession generally could be induced to try the effects of T.C.P. they would be amazed at the success of this preparation, which is an ideal gastro-intestinal antiseptic.

" A suitable mixture is prepared by British Alkaloids Limited, known as **" T.C.P. B^3 Colloidal Emulsion,"** which is a combination of the original antiseptic Trichlorophenylmethyl-iodosalicyl with another organopolyhalogen containing the Bromine element, together with Colloidal Aluminium silicate, glycerine and a suitable adjuvant. This mixture should be taken twice or thrice daily in doses of one tablespoonful of the emulsion in 4 or 5 tablespoonsful of cold water before breakfast, and before the evening meal ; in severe cases an extra and similar dose before luncheon is useful.

"In my experience of over 12 months this treatment has been most efficacious—in many cases which have almost defied treatment by the ordinary alkaline medication."

Further Report :—

"It (T.C.P.) has been employed chiefly as a lotion in Operating Theatres, and for **dressings generally.**

"As a lotion in Operating Theatres it has been used at a strength of 1 in 10 and has proved exceptionally useful in the treatment of large areas of exposed tissue, such as follows operation for **Thoracoplasty.** In a ward where there were several such cases T.C.P. lotion was exclusively used it being non-toxic, non-irritating, slightly anaesthetic, and certainly antiseptic. Moreover, the conclusion was arrived at that it undoubtedly hastened granulation.

"During the last four years the care of a large number of paraplegics, many of them with large **Trophic Ulcers,** has further demonstrated the efficacy of T.C.P. for all purposes in connection with surgical antisepsis.

"In the treatment of these trophic ulcers it has been found that packing with sterile gauze soaked in undiluted T.C.P., **cleanses the area, acts as a deodorant, hastens the removal of sloughs, and subsequently assists granulation ;** it is a definite fact that in many cases of paraplegia these characteristic ulcers, after existing for several years, have been healed by the application of T.C.P.

"In addition, T.C.P. in a solution of 1 in 10 has been used as a **nasal and pharyngeal douche with excellent results.**

" During the last few months T.C.P. has been administered internally, combined with Kaolin, and has been found to allay **gastro intestinal fermentation** and **eliminate painful spasms of bowel,** which are so frequently met with in paralysed cases.

" It is my considered opinion that there is a great future for this preparation, both in its surgical uses and as an internal medicament."

....., Senior House Surgeon of the County Hospital, ..., late House Surgeon and House Physician, St. George's Hospital, Resident Medical Officer, Hospital of SS. John and Elizabeth, St. John's Wood, reports :—

" I am very pleased to tell you that I am obtaining most gratifying results with ' T.C.P.' I find that **wounds** clear up more quickly than with any other preparation I have ever tried, and that the granulations are of an unquestionably better character. I have noticed that they give to the wound a clean flat surface, over which the epithelium will grow much more readily.

" I have tried it in cases of **tuberculous sinuses** and have been astonished to note that it certainly causes them to fill up in an entirely satisfactory manner.

" I am at present trying your preparation on an obstinate case of **chronic Osteomyelitis.** The cavity has been opened up fully, but for the past month or so it has not progressed. I have used T.C.P. for the past four days and the change has so far encouraged me that I have to-day instructed our Dispenser to order some more."

Subsequent Report :—

"The case of **Osteomyelitis,** to which you refer, was one which had been opened up completely and treated by the 'continuous drip' method with Eusol and Saline for some time. It had 'hung fire,' and I tried T.C.P., using it as a wet dressing as for a burn. I used it at full strength, and the wound at once began to clear up and discharge to cease. The granulations were smooth and the patient made a complete recovery within a short time. I cannot tell you how long it was after starting T.C.P., as the notes of the case are in the hands of the binders at the moment."

....., M.R.C.S. Eng., L.R.C.P. Lond., reports :—

"I must confess that I thought at the Exhibition (London Medical) that you claimed too much for it. I gave a sample to a female relation with **Pyorrhœa,** which to my great surprise, cleaned up before the bottle was finished. From henceforth I shall be a firm believer in T.C.P. With greatest praise for your preparation."

....., M.D., L.R.C.P., L.R.C.S., Ed., L.R.F.P.S. Glasgow, late House Physician and House Surgeon, Deaconess Hospital, Edinburgh, Medical Officer in charge Church of Scotland Mission Hospital, Blantyre, Nyassaland.

"I beg to acknowledge the large sample of T.C.P. that DR. CAVERHILL asked you to send out to me.

"I have tried it on burns, bedsores, abscess cavities and various ulcers and find it an

admirable substance for hastening granulation and healing.

"One case of **phagedænic ulceration** brought into this hospital was becoming rapidly worse under the usual corrosive or carbolic treatment until I tried T.C.P. when all pain and inflammation subsided in a few days and a rapid cure resulted with very little loss of tissue."

....., L.R.C.P. Lond., M.R.C.S. Eng., L.S.A. Assoc. King's College, London (late Major R.A.M.C.), reports :—

"I have tried the sample bottle of T.C.P. and found it beneficial in **Catarrhal sore throat.**"

....., M.D., Ed., Ch. B., Member Harv. Soc., London, late Hon. Medical Regist., Grosvenor Hospital Women and Children, Resident Medical Officer, Royal Waterloo Hospital Women and Children, Senior House Surgeon, Liverpool Infirmary Children, reports :—

"I have used T.C.P. in a bad case of **Empyœma.** I used one part of the 1 per cent. Solution in five parts of water, and syringed out the cavity. Not only did the pus rapidly disappear but the rapid healing of the cavity and wound was most remarkable. I have also used it in a case of **Pyorrhœa** with **Streptococcal infection of the mouth and Pharynx and Fauces.** The lips were swollen and there was intense inflammation. After ONE day's treatment all the swelling had disappeared, and in two days the mouth, etc., were of normal appearance. These wonderful results show the great value of your discovery."

....., M.B., Ch. B. Ed., Asst. Tuberc. Officer, Camberwell, reports :—

" I used the sample you sent me from the Medical Exhibition in a case of **Follicular Tonsillitis ;** I was much pleased with the result."

....., B.A. Camb., M.R.C.S., L.R.C.P. Lond., Hon. Anæsth. Throat Hospital, Royal Dental Hospital and Nat. Dental Hospital, late Ho. Surg. and Ho. Phys. Throat Dept., St. George's Hospital, reports :—

" I have for the past year made use of your preparation T.C.P. in a large variety of surgical conditions, and have found it a very useful antiseptic, and analgesic.

" It relieves the **pain of burns** and dries up the bare places when the skin has exfoliated following a burn and promotes healing. I found it very useful in the case of a **severe bite of an otter** on a gentleman who tried to become too familiar with that animal at the Zoo, the bite **healing practically by first intention in the course of two or three days.**

" I use it practically as a routine in cleansing arms prior to the use of hypodermic injections as it does not stain the skin as does Iodine, and **I have never had cause to regret having given up the use of Iodine.**

" I use it personally as a **mouthwash** and as a **dentrifice**. After cleaning my teeth with ordinary paste, I use a fresh brush dipped in pure T.C.P. as a final agent in my oral toilet. It certainly imparts an exceedingly clean feeling to the mouth and removes all taste of stale tobacco "

....., M.D. Ed., C.M. (Univ. Edin.), Mem. W. Lond. M.C. Soc., late Senior House Surgeon, Royal Portsmouth Hospital, reports :—

"I have had very good results in a case of **Herpes Labialis** with your sample of T.C.P Please send me a further supply."

....., M.R.C.S., L.R.C.P. Lond., late House Surgeon Radcliffe Infirmary, Oxford, late Captain R.A.M.C., reports :—

"*Re* T.C.P. I tried the sample some time ago on a case of **Pyorrhœa**, and found it quite useful. If you will send me another bottle I will try it on some Septic Surgical Cases, Otorrhœa, etc."

....., M.D. Ed. (high commend.) Fell. Roy. Med. Soc. Edin., and Edin. Obst. Soc. Ho. Surg. and Phys. Deaconess Hospital, Edinburgh, Medical Officer in charge Church of Scotland Mission Hospital, Blantyre, Nyassaland.

"I have tried T.C.P. on a case of severely **crushed fingers** and **have never seen a mutilated wound of this type heal in a more satisfactory manner.** So far as I have had opportunity to test it, it promises to be a most valuable remedy **in piles.**"

Further Report :—

"I continue to find T.C.P. a most useful antiseptic. Very efficient mouthwash and relieves pain of insect bites among many other uses. Its analgesic properties are of great value."

....., M.D. Lond., B.S., M.R.C.S., L.R.C.P., Fell. Roy. Soc. Med., late Ho. Surgeon, St. Thomas' Hospital, reports :—

"I have used T.C.P. for **scalds** with excellent results."

....., M.R.C.S., L.R.C.P., late Hon. Surg. Kent and Canterb. Hosp., reports :—

"T.C.P. Our daughter had very **spongy gums** after a long illness and this has improved them wonderfully."

....., B.Sc. Ed., M.B., Ch.B., R.F.C.P., Res. Phys. and Surg. and Clin. Tutor Edin. Roy. Infirm., Res. Surg. Roy. Matern. Hosp. Edin., reports :—

"T.C.P. So far I have been quite favourably impressed with its efficacy in certain conditions."

....., District Asylum, Scotland, reports :—

"It has been decided to take up your T.C.P. regularly."

..... M.D., M.R.C.S., reports :—

"T.C.P. So far as I can learn, this agent appears well to merit the claims you put forth on its behalf."

....., M.B., Ch. B., F.R.C.S.E., New Zealand, reports :—

"I am very much pleased with your T.C.P. I have tried it in several **Septic conditions**. As far as I can judge it possesses all the qualities which you claim for it and possesses **none of the disadvantages of other Antiseptics.**"

....., M.D., B. Ch., Fell. Roy. Soc. Trop. Med. and Hy., reports :—

"I shall be very pleased to give the results of my experience with T.C.P. should you wish to refer anyone to me at any time."

....., M.D., B. Ch., B.A.O.R.U. Irel., reports :—

"I gave your preparation T.C.P. an honest trial in a severe case of **Inflammatory Ulcers** in a young girl's face. The preparation acted **like a charm.** You are at liberty to make any use you like of this note."

....., M.R.C.S., L.R.C.P., Med. Off. W. Africa Med. Staff, Sierra Leone, reports :—

"I don't know how I can convey to you my thanks for your T.C.P. I had a **very bad leg** which refused to be cured but your Ointment which I made with your liquid T.C.P. (1—8) was simply miraculous."

....., Central Hospital Aier Tawar, Sumatra, reports :—

"Having applied the T.C.P. in selected cases, during four months, I have the honour of informing you about the results. I am glad to state that these are satisfactory; in cases of **fresh wounds, burns and scalds, ulcers, eczema, nasal catarrh, stomatitis, and otorrhœa** the T.C.P. has been of more than

ordinary value; it is especially useful in preventing infection of fresh wounds; I want in consequence hereof to use it, not only in the hospital but also on the estates in my district.

"The T.C.P. should be kept on estates, ships, mines, factories, etc., in short, everywhere where the working man of any colour is exposed to hurts, burns, etc. **I am able to give T.C.P. my convinced recommendation.**"

....., M.B., C.M. Ed., Southport, reports:—

"T.C.P. Ointment No. 33. I tried it yesterday myself as I have been annoyed lately with **pruritus ani.** I was more free last night than for some days past."

....., M.D., etc., London, W., reports:—

"I am using T.C.P. in the Apneu inhaler on an old lady of 70 for **catarrh and deafness.** After three applications only, her catarrh is much improved and she hears much better."

Director General, Medical Department, Admiralty, London, reports:—

"With reference to your letter of the 30th October and to previous correspondence relative to the Germicide T.C.P., I have to inform you that a trial has been made of the preparation **with results which were quite satisfactory.**"

....., M.B., B.Ch., B.A.O., R.U.I., London.

"I found the drug extremely valuable in the healing of **deep granulating wounds** following operations for climatic bubo. In these cases as a rule the wound must heal from the bottom upwards to the surface, and the cavity left after removal of the diseased gland is so large that the healing process lasts about six weeks. T.C.P. considerably shortened this period.

"I also found it very successful for the local treatment of chancroids and primary syphiletic sores. I also found it of benefit in local application to one case of fissure in ano (operation)."

....., L.R.C.P.I., L.R.C.S.I., Glasgow.

"I have had T.C.P. tried here, and get the report that it is a useful dressing, mild, non-irritant, and pleasant to work with. **Stimulates granulation tissue** and is a good mouth wash."

Report received from ....., M.D., late Sen. Hon. Surg., Liverpool Infirmary for Children, etc., etc., on the efficiency of T.C.P. in skin and throat troubles, etc.

CASE NO. 1. "**Persistent boils on neck** which resisted all usual treatment including that of consulting surgeon. **Cleared up in three days** with wet dressings of pure T.C.P. (1% as sold)."

CASE NO. 2. "**Papular and pustular eruption on leg** lasting for several months. Cured in **one week** with applications of T.C.P., ½% on lint."

CASE NO. 3. "**Ulcerative Pharyngitis and Tonsillitis** with great swelling of submaxillary gland and lymphatic glands on neck cured by spraying thrice daily with ½% T.C.P. in a de Villiers atomizer."

CASE NO. 4. "**Dental Sepsis.** Completely cured by plugging with wool soaked in T.C.P. 1%."

CASE NO. 5. "**Chronic Pharyngal and Nasal with Bronchial Catarrh.** Six cases satisfactorily treated with T.C.P. and glycerine in Apneu inhaler."

....., M.R.C.S., L.R.C.P., Lond., Member Manchester Clin. and Surg. Socs., late Senior House Surgeon Manchester Royal Infirmary, etc., etc.

"I have introduced this medicament into our Infirmary for my cases after operation **for appendix abscess** and other **coli infections.**

"The specific affinity of the halogens for these intestinal bacteriæ flora is greatly enhanced in your preparation and I have had some really **remarkable results in the treatment of abscess cavities left after removal of appendices in a sloughy state.** I could hardly credit it at first."

Further Report :—

"I have continued the use of T.C.P. during the last two months on a variety of cases. I do not wish to appear too enthusiastic but I cannot tell you how very satisfactory it has been without appearing to exaggerate. Certainly for **suppurative appendicitis during and post operation it is invaluable.**

"**For pruritus ani** when due, as is so often the case to skin infection with B. Coli, the ointment is curative and after about three applications gives great relief.

"**For ruptured Perinæum** in cases occurring after prolonged parturition it is very valuable."

Subsequent Report :—

"I have had some remarkably good results with T.C.P. in **mid-ear suppuration and temporal-cortex, abscess of brain.**"

....., M.D., M.B., F.R.C.S., Med. Off. Cripples' Home, Examiner R.C.S., Edin., Fell. Edin. Obst. Soc., Mem. M.C. Soc. Ed., late Asst. Med. Off. Longmore Hospital, Edin., reports :—

"T.C.P. I have had very few cases to test it in, but have been satisfied with it in the cases where I have used it."

....., M.R.C.S., L.R.C.P., L.D.S. Eng., London, reports :—

"I am very pleased to find your Dental Emulsion so eminently satisfactory for its purpose. **I will be only too pleased to recommend it to my patients instead of an American product which I have been recommending.**"

....., M.D., London, reports :—

"I am constantly recommending your T.C.P. to my patients."

....., M.B., Ch.B. Ed., D.P.H., R.C.P.S. Ed., Mem. Edin. Obst. and M.C. Socs. and B.M.A., Clin. Asst. Ear, Nose and Throat Edin. Roy. Infirm., reports :—

"I am quite satisfied that your T.C.P. Solution is **very effective as a healing agent,** and have employed it frequently."

....., M.B., F.R.C.S. Ed., late Medical Missionary, Baptist Missionary Society, reports :—

"I have used T.C.P. on **two Septic Burns** with good results. The wounds healed over rapidly. With regard to T.C.P. Ointment No. 33, I have had satisfactory results in a difficult case of **leucorrhœa** due to ulceration."

....., M.B., Ch.B., Ed., reports :—

"I have prescribed T.C.P. antiseptic frequently for **Oral Sepsis** and **Pyorrhœa,** and have had very favourable results."

....., F.R.C.S., Ed., L.R.C.P., Surgeon Specialist Ministry of Pensions, reports :—

"T.C.P. I have found it quite satisfactory."

Dr. ....., Bengal, reports :—

"By using your T.C.P. B^3 Colloidal Emulsion in a case of long-continued **dysentery** I have got a very brilliant and satisfactory result. I think this is the best and only medicine that has ever been discovered for dysentery."

....., M.B., Ch.B., Ed., late Med. Off. The Hospice Maternity Hospital, Edinburgh, reports :—

"I have found T.C.P. an efficacious antiseptic in **wounds, sores,** and also used it with effect as a **mouth wash.**"

....., M.B., Ch.B. (Aberd.), Lect. Sick Nursing and Hyg. Sch. of Domestic Sc., Aberd., reports :—

"T.C.P. Have used this product with satisfaction in the case of **spongy gums.**"

....., M.B., Ch.B. Ed., Sen. Ho. Surg. Roy. Infirm., Perth, reports :—

"I have been using T.C.P. for about two years now, especially for **Tonsillitis,** for which I think it is most admirably suited."

....., L.R.C.P., Ed., late Ho. Surg. Glas. Matern. Hosp., reports :—

"T.C.P. I have used the ointment for **Atrophic Rhinitis** and find it lubricates the nostrils, preventing the crusts."

....., M.B., C.M., Ed., reports :—

"I have tried with great satisfaction to myself and to my patients your T.C.P., and am now prescribing it in all suitable cases, and will continue so to prescribe it."

....., M.R.C.S., Eng., Paignton, reports :—

"T.C.P. Ointment. I have found the ointment most beneficial to an **eczematous attack** on my arm."

....., M.D., St. Andrew's Mission Hospital, Singapore, reports :—

"We have been using T.C.P. in this Hospital in considerable amount during this year. We have used it in many different cases, especially as a **mouth wash** and **gargle** and for **dressings for septic sores,** and have been very pleased with the results."

....., M.R.C.S., Eng., L.R.C.P., Lond., reports :—

"I have great pleasure in informing you of the wonderful and efficacious treatment of Mrs. ..... with your T.C.P. She was suffering from **malignant disease of the body of the uterus.** I gave her several intra-uterine douches besides the vaginal ones and she appears quite well, is up and about, taking and enjoying her food well."

....., M.D., Ed., late Surg. Kingston-on-Thames Vict. Hosp., reports :—

"I took my wife to Dr. ..... suffering from an **influenzal infection** which she could not shake off. She was suffering from head symptoms, pain and dizziness and loss of memory—and high blood pressure (215). I had

myself wondered whether the ' sleepy sickness ' in some cases were not influenza of the brain.

" The T.C.P. Colloidal Emulsion soon **brought down the blood pressure (150)** and improved the other symptoms."

....., L.R.C.P., reports :—

" T.C.P. Dental Emulsion. Am very satisfied, preferring your product to any others I have used."

....., M.B., Ch.B., Ed., Greenock. reports :—

" Your excellent preparation which I have found to be of great use in many different **septic conditions.**"

..... M.B., Ch.B., Ed., Edinburgh, reports :—

" I have been using T.C.P. with success on a nasty **ulcer.**"

....., M.B., Ch.B., Glasgow, Johnstone, Renfrewshire, reports :—

" I have used T.C.P. and find it to give the results claimed for it."

....., M.R.C.S. (Eng.), L.R.C.P. (Lond.), C.M.S. Hospital, Lusadia, India, reports :—

" T.C.P. I have made considerable use of it in the above Hospital, chiefly in cases of **Otorrhœa** and **Otitis,** and to clear up **ulcers** of long standing when other methods of treatment have failed. I have found T.C.P. Lotion very successful in such cases."

....., M.B., Ch.B., Ed., Edinburgh, reports :—

"I am recommending this disinfectant in two other cases varying much in their symptoms. The use of T.C.P. has improved a condition of **Dermatitis** which is being treated locally with Ichthyol in addition as an ointment."

....., M.D., Glas., late Res. Phys. Glas. Roy. Infirm., Glasgow, reports :—

"I have found T.C.P. Solution and Ointment useful and efficacious."

....., M.B., Ch.B., Glas., Glasgow, reports :—

"I have found T.C.P. Lotion and Ointment very beneficial in many cases."

....., L.R.C.P., Ed., Glasgow, reports :—

"I have prescribed your T.C.P. and used it in several cases which have benefited by its use."

....., L.R.C.P., Ed., Edinburgh, Res. Phys. and Clin. Asst. Ear, Nose and Throat Dept., Roy. Infirm., Edin., reports :—

"I have been very favourably impressed with T.C.P."

....., M.O., Bombay Cotton Merchants' Dispensary, reports :—

"I used your T.C.P. Solution in a post operative case of T.B. Iliac abscess which had defied all antiseptics I knew of till your sample, after only three days treatment completely healed the T.B. Sinus."

....., M.B., Glas., Helensburgh, reports :—

"I beg to state that I am using T.C.P. Antiseptic internally in suitable cases with good effect."

....., T.B. Colony, reports :—

"T.C.P. was applied to a **Punctured Wound of Leg** caused by a rusty nail (1½ inches). There was no sepsis and the wound healed very quickly."

....., St. Augustine's Mission, Sarawak, reports :—

"T.C.P. The antiseptic is excellent for treating **sores, tropical ulcers, burns, etc.** Nothing can beat it and we are constantly using it here in our Mission, among the Sea Dyaks."

....., M.B., C.M., Glas., Member Pensions Board, Glas., reports :—

"One case with **pus** from **Kidney** cleared up."

Sister-in-Charge, St. Giles Homes for British Lepers, reports :—

"T.C.P. We have found it of great value in dealing with **chronic ulcer** in our work in this hospital."

....., M.B., Ch.B., late Sen. Resident Ho. Surg. & Ho. Phys. West. Infirm., Glas., reports :—

"I have been favourably impressed by the local action of T.C.P. in two cases of ulceration."

....., M.R.C.S. Eng., L.R.C.P. Lond. Res. Med. Off. Medway Hosp., Chatham, reports :—

"T.C.P. Ointment No. A 270. I find this ointment most efficacious in the treatment of a chronic skin trouble on my hands for which I have tried all known remedies unsuccessfully, including X Ray treatment."

....., L.D.S., R.C.S. Eng., reports :—

"I have found T.C.P. of great value in clearing up **inflammatory and septic conditions in the mouth.**"

....., Dentist, Manchester Square, W. 1, reports :—

"I have great pleasure in reporting to you the many successes I have obtained through prescribing and using T.C.P. in **extreme cases** of **Oral Sepsis** and **advanced stages** of **Gingivitis.** I have also avoided **after-pain from difficult extractions** by syringing the socket with hot solution of T.C.P."

....., D.D.S. Mich., Cavendish Square, London, W. 1, reports :—

"I have tried your T.C.P. both personally and with patients, and am very pleased with it. It is agreeable and I believe quite efficacious in many of the **oral affections** that one has to deal with."

....., L.R.C.P., L.M., Bradford, reports :—

"I have tried T.C.P. and found that it has produced a great alteration for the better in a case of **ulcerated and inflamed leg.**"

....., M.B. Ch.B. (Edin.), Medical Adviser to a group of Rubber Estates, reports :—

" I have now been using T.C.P. on various Estates for the past two years, and have pleasure in reporting on its efficiency and antiseptic value. It is a most valuable medicament to have in the household medicine chest, as it can be used freely and with certainty without the necessity of calling in a doctor, in all cases of **simple inflammation, cuts** and **sores,** and is therefore invaluable on Estates where a doctor is not close by. Its use in hospital in all cases where a safe and reliable antiseptic was required has shown it to be of extraordinary value even in the hands of people with only little medical experience."

....., D.D.S., Port Said, reports :—

" I am convinced that T.C.P. has an important place in dental practice.

" I have experienced its beneficial effects in inflammatory conditions in my patients' mouths."

....., Dentist, Aberdeen, reports :—

" I received the bottle of T.C.P. which you sent me and I have used it in my practice (Dentist). I found it excellent as a **mouth wash,** but I have had the opportunity of trying it as an ' Ear Douche ' on a patient who has a **very bad ' running ear,'** the result has been splendid ; the patient has been suffering for months and after four or five days' use of T.C.P. a decided improvement has resulted. **I mean to use it regularly in place of other Antiseptics."**

....., Dentist, Glasgow, reports :—

"Some time ago you sent me a sample of your T.C.P., and in looking over the literature accompanying it I noticed a testimonial to its value in **nasal catarrh.** I had been troubled with this for nearly ten years and ultimately could not get anything to give me relief. One nostril was completely closed and the other more or less so. I was advised by my doctor to have an operation, and had made up my mind that this was the only remedy when your sample came along.

"I started using it as directed three times a day and in a fortnight my nose was a good bit better and I could get a little breath through the nostrils, so I continued the treatment for about eight weeks when the catarrh seemed completely away and I could breathe with every freedom again. I would like to try it now in my practice."

....., Dentist, London, reports :—

"T.C.P. I would not be without it, and find it indispensable."

....., B.Sc., Cape Univ., M.D., L.D.S., R.C.S. Eng., D.D.S., Mich., Elected Dental Repres. Mem. Transvaal Med. Counc. and Pres. Dent. Soc., late Dent. Surg. Kensington Gen. Hosp., Ho. Surg. and Clin. Instruc. Liverp. Univ. Dent. Hospt., reports :—

"After Extraction, if applied undiluted on Cotton Wool, T.C.P. will prevent **after-pain and sloughing.**"

....., Dentist, Leeds, reports :—

" I have great pleasure in stating that I have found your preparation T.C.P. of the utmost value in my practice, most especially is this so in cases of **Ulcerative Stomatitis** and **Septic conditions generally,** and I should not now like to be without it."

....., D.M.D., L.D.S., Bucks, reports :—

" I am using your T.C.P. especially for **Pyorrhœa cases,** and with good results."

....., Dentist, South Norwood, reports :—

" I am pleased to inform you that following your instructions gave immediate relief and the patient had a good night's sleep. Next visit I syringed the socket out with a hot 50/50 and have not had to see the patient since. **I shall certainly use it whenever I have Septic conditions."**

....., Dentist, reports :—

" T.C.P. I have been trying the preparation on my hands for **Chilblains and Chaps** which has been a surprising cure. I shall never be without a bottle and shall recommend it."

....., Dentist, Leeds, reports :—

" Will you be so kind as to inform me where I may obtain your T.C.P. in this District ?

" I find it so very useful and so necessary that I hope in future never to be without it in my surgery."

....., Dentist, Glasgow, reports :—

" Up to the present have used your T.C.P. with success in **Post-operative Pain, and Dry Socket.**"

....., L.D.S., Glasgow, reports :—

" It seems to afford good results with **Septic Mouths, Pyorrhœa, etc.**"

....., L.D.S., R.C.S. Ed., Mem. Brit. Dent. Assn., reports :—

" T.C.P. I used it myself for a **Sore Throat and found it cured me with three gargles.**"

....., L.D.S., R.F.P.S., Glasgow, reports :—

" T.C.P. In speaking of it among other members of the Profession I find all agreed that it is excellent. It appears to have a very pronounced effect on **Pyorrhœa Pockets** and this is undoubtedly its most important sphere."

....., Dentist, Hebden Bridge, reports :—

" T.C.P. I have had results beyond expectations with same, *e.g.*, a very bad case of acute **Gingivitis** cleared up in 7 days."

....., L.D.S., Rusholme, reports :—

" T.C.P. Since using this in my practice I have had excellent results."

....., Dentist, Manchester, reports :—

" T.C.P. I am very pleased with the result on two **Septic Mouths** treated by your product."

....., Dentist, Walsall, reports :—

" T.C.P. I would not be without it in my Surgery and Household."

....., Dentist, Southampton, reports :—

" I shall certainly be a constant user of T.C.P. Why ? **Because I am satisfied T.C.P. is, and always will be, an important factor in Dental Surgery in the future.**"

....., L.D.S., R.C.S. Eng., Bucks., reports :—

" I have had excellent results from the T.C.P. solution in cases of extraction due to **abscessed conditions,** and use it continually prior to injecting, as it has quite a successful anæsthetic effect on the gum."

....., L.D.S., London, reports :—

" T.C.P. I have found it simply perfect."

....., Harley Street, W.1, reports :—

" T.C.P. Ointment A. 270. You will be pleased to hear that the last of the old jar has been used up in **curing a wound, the result of a bicycle accident, that has resisted medical treatment for 4 months.** It was an ugly specimen, but the first application reduced inflammation in 24 hours and now in five days the wound is healthy and granulating nicely, although it is on the leg and the patient cannot rest it."

....., L.D.S., Bradford, reports :—

" T.C.P. I find it excellent for **nasal catarrh,** sprayed into nose and throat; solution 50 per cent. in water."

....., Dentist, London, reports :—

" T.C.P. Have given it a fair trial and I am bound to say it has been most useful, not only in the surgery but also in the house. **I consider there is nothing better to add to the water to give the patient after extractions, and no Dental Surgery should be without it."**

....., Dentist, Slough, reports :—

" T.C.P. I find it invaluable."

....., L.D.S., Glasgow, reports :—

" I have great pleasure in letting you know that I have been using T.C.P. as a **mouth wash,** after extraction, and find it very satisfactory."

....., L.D.S., Renfrewshire.

" I have found your preparation **very efficient** as a disinfactant and deodorant."

....., L.D.S., Leicester, reports :—

" May I say how delighted I am with T.C.P. **Your claims of its powers are none too extravagant."**

....., Dentist, Greenock.

" I am **quite satisfied** with the **results obtained** from T.C.P."

....., L.D.S., R.F.P.S., Motherwell, Lanarkshire.

"T.C.P. antiseptic is in **daily use** here in my surgery."

....., Dentist, Heanor.

"I find it a very **excellent preparation.**"

....., Dentist, Bolton.

"I am well pleased with your T.C.P. I am treating several cases of **Pyorrhœa** with **very good results.**"

Copy of a report received from..... L.D.S., R.C.S., Torquay.

"T.C.P. I have used it with wonderful results in cases of **Pyorrhœa** and **general Septic conditions** of the mouth.

"Its action is quick and efficacious and most soothing. I must say I was greatly surprised **and would not care to be without it.**"

....., Dentist, Dublin, reports :—

"I may say I completely cured my own little boy after ten days' treatment with your T.C.P. and Ointment A. 270. He had suffered from some form of **Eczema** for two years."

....., L.D.S., Glasgow, reports :—

"T.C.P. It is an excellent preparation and in many cases **its effect on painful and persistent lesions is almost miraculous.**"

....., Dentist, London, reports :—

" T.C.P. Dentifrice. Have found the preparation excellent."

....., Dentist, Walsall, reports :—

" I have used your T.C.P. in my practice with most gratifying results."

....., Dentist, Leicester, reports :—

" I am more than satisfied with the results."

....., Dentist, Oldham, reports :—

" T.C.P. I used undiluted to **swab the sockets after extraction** with very good results."

....., Dentist, Whitley Bay, reports :—

" T.C.P. So far I find it excellent in allaying **post extraction pains** and **it caused rapid healing.** Have also tried T.C.P. Dental Emulsion, and am so pleased with personal experience that am recommending it to my patients."

....., Dentist, Swansea, reports :—

" I have used your T.C.P. and have found it gives **excellent results."**

....., L.D.S., R.C.S. (Eng.), reports :—

" T.C.P. I have used it in **septic sockets** and **pyorrhœa pockets** and have found it remarkably effective."

....., Dentist, Altrincham, reports:—

"T.C.P. Am pleased to say it worked wonders with a case of **advanced Gingivitis.**"

....., L.D.S., Glasgow, reports :—

"T.C.P. I am having excellent results with both preparations."

....., Dentist, Glasgow, reports :—

"I am now using T.C.P. regularly."

....., L.D.S., Eng., reports :—

"T.C.P. Dental Emulsion. I am distinctly impressed with it."

....., Dentist, London, reports :—

"I lose no opportunity of recommending your valuable preparation both to patients as well as to my colleagues in the Dental Profession."

....., Dentist, Keighley, reports :—

"T.C.P. Dental Emulsion. I am constantly advising my patients to use your product. As to your T.C.P. Antiseptic **I have derived benefit from its use in my own mouth after having several teeth extracted,** and I should not like to be without it now."

....., Dentist, London, reports :—

"Your representative induced me to try T.C.P., and I must say I have had wonderfully successful results."

....., Dentist, Bridgend, reports :—

" With reference to T.C.P. which I have been using for the last few weeks. Pleased to say I find same the **best mouth wash I have ever used,** and should not care to be without it."

....., Dentist, Plymouth, reports :—

" Please forward me my usual quantity of T.C.P. I find it very useful in my work."

....., Dentist, Herne Bay, reports :—

" I would like to add how excellent patients have found T.C.P. **after extraction."**

....., Dentist, Cardiff, reports :—

" I would like to say that your preparation T.C.P. has helped me considerably in my dental work, especially in **clearing up oral sepsis** before extracting, and in **post operative treatment."**

....., L.D.S., R.C.S., Eng., reports :—

" I find your T.C.P. Antiseptic of great help in cases of **sensitive throat** in order to prevent retching during the taking of impressions. Washing out well with a dilute solution of the T.C.P. does the trick splendidly."

....., Dentist, Leicester, reports :—

" T.C.P. I may say that I am delighted with the results of its use in the mouth in cases of **oral sepsis."**

....., L.D.S., Troon, reports :—

" I beg to inform you that I am quite pleased with the results obtained from T.C.P."

....., L.D.S., Glasgow, reports :—

" I am at present using T.C.P. Antiseptic in my surgery with **excellent results.**"

....., Dentist, Glasgow, reports :—

" T.C.P. Antiseptic—T.C.P. Dental Emulsion. I have a very high opinion of both preparations."

....., L.D.S., Glasgow, reports :—

" I am well pleased with results attending the use of your T.C.P. I have often prescribed it for patients."

....., Dentist, Enfield, reports :—

" T.C.P. I had a very difficult extraction yesterday. Teeth ossified. ..... Subject to excessive bleeding. Sockets always previously had to be plugged. I tried T.C.P. **Stopped bleeding without any plugging.** It seems impossible but it's true. I am using T.C.P. in my own mouth and find an improvement."

....., Dentist, Leeds, reports :—

" T.C.P. Dental Emulsion. I am getting very good results."

....., Dentist, London, reports :—

" T.C.P. Have found it very beneficial."

....., Dentist, Wrexham, reports :—

"T.C.P. I may say I am without any, and realize there is something missing."

....., Dentist, Walton-on-Naze, reports :—

"One cannot speak too highly of the beneficial effect of T.C.P., and in all affections of the **Oral Cavity** one feels safe in using T.C.P."

....., Dentist, Bristol, reports :—

"I am more than pleased with the results I have had. I have had two cases that were very bad. Men who were working in a Spelter Works and whose mouths had been poisoned with lead, but thanks to T.C.P. I have been able to complete the extractions without any trouble, in either case. I would not be without it now as I have found that **Pyorrhœa** and **all Septic Condidions** speedily become normal with its use."

....., Dentist, Port Glasgow, reports :—

"I have been using your T.C.P. for over a year now, with very good results."

....., Dentist, Glasgow, reports :—

"I am delighted with the results I have obtained from the use of T.C.P. in my practice."

....., L.D.S., R.C.S., Edin., reports :—

" T.C.P. I may say I am recommending it to my patients and they find it very beneficial."

....., Dentist, Hull, reports :—

" T.C.P. I use it with every confidence and find it entirely satisfactory. It is all you claim it to be, **a sound, reliable germicide."**

....., Dentist, Spennymoor, reports :—

" T.C.P. I have found it wonderfully successful in a case of **Septic Poisoning.** My mother was very ill, and her medical adviser was on the point of sending her to hospital, as after making three separate incisions he could not get it to move although poultices were applied hourly. After including T.C.P. in the poultices and saturating dressings under them relief was almost immediate from the excessive pain, and in 24 hours the wounds began to discharge pus in huge quantities. After ten days' treatment, including the taking inwardly, as you suggest, two wounds are free from pus and the other is beginning to show signs of healing."

....., Dentist, Cardiff, reports :—

" T.C.P. We have tried it sufficiently to find it everything you represent it to be."

....., Dentist, Worksop, reports :—

" T.C.P. Dental Emulsion. I am only sorry that I have not made earlier use of this valuable preparation."

....., L.D.S., R.C.S., Eng., Preston, reports :—

" T.C.P. Dental Emulsion. Never have I had so many enquiries about any product I have used in this surgery in so short a space of time (24 hours) and so much apparent satisfaction given."

....., L.D.S., R.C.S., Eng., Harborne, reports :—

" T.C.P. Dental Emulsion. I have been pleased to recommend your tooth paste in many cases, as I have found it very good."

....., Dentist, Newquay, reports :—

" I have had very good results with your T.C.P. I recommend it now as a general rule to all my patients. Perhaps it will interest you to hear a patient called to have five lower incisors extracted on account of **pyorrhœa.** These teeth were quite loose and inflamed gums. I recommended T.C.P. to be used for a week before I extracted. Upon the second visit four teeth had quite tightened up and one almost so and the inflamed parts normal. This certainly speaks for itself."

....., L.D.S., R.C.S., Crieff, reports :—

" I have for a considerable time, used myself and prescribed T.C.P. for my patients."

....., L.D.S., Glasgow, reports :—

" I frequently use and prescribe T.C.P. and find it very beneficial."

....., L.D.S., L.R.C.P., Glasgow, reports :—

" T.C.P. is a most excellent antiseptic, and is now adopted as a regular item in my armamentarium."

....., Dentist, Walton-on-Naze, reports :—

" I have found your T.C.P. invaluable for the mouth."

....., Dentist, Torquay, reports :—

" T.C.P. I am pleased to report most gratifying results in the treatment of a case of **Pyorrhœa."**

Testimony from the Tropics of the great efficiency and value of T.C.P.

From Bangawan Estate Hospital, British North Borneo.

CASE NO. 1.

Javanese Coolie (Male) suffering from **Bubo** treated usual treatment and discharged believed cured. Re-admitted a week later, having cavity re-opened and in a most offensive condition. T.C.P. treatment given thrice daily, within two days a very considerable improvement was recorded. In ten days, wound healed and patient discharged, cured.

CASE NO. 2.

Javanese Coolie (Male) admitted with a **Sore** on Penis. After treatment with black wash. etc., the patient's condition showed no improvement, the parts became swollen and Scrotum a **mass of ulcers.** T.C.P. treatment commenced, and within five days a very great improvement was noticed, swelling decreased and sores healing. In a fortnight discharged completely cured.

During the writer's long experience, so severe a case has not been known to heal so rapidly to any treatment.

CASE NO. 3.

Bajow Coolie (Male) admitted with a very painful and inflamed **Abscess on the Right Thigh.** Abscess opened and T.C.P. applied. Wounds healed rapidly, and patient discharged cured in 9 days.

CASE NO. 4.

Chinese Coolie (Male) admitted suffering from **Boils.** Opened and later treated with T.C.P. with excellent results.

CASE NO. 5.

Javanese Coolie (Male) was admitted with **Gum Boils,** gums soft and bleeding. T.C.P. gargle and in three days practically well.

CASE NO. 6.

Javanese Coolie (Male) suffered from **centipede sting** in considerable pain. T.C.P. applied, giving almost instantaneous relief, patient resumed work within two days.

Another case, a Javanese (Female) admitted suffering from **wasp stings.** T.C.P. treatment given with equally good results.

CASE NO. 7.

Javanese Coolie (Male) was admitted suffering from severe **dog bites.** Permanganate lotion and iodine tried. Wounds suppurated and were much inflamed, carbolic fomentation applied without improvement. T.C.P. treatment commenced, patient made gradual improvement and was discharged cured in a little over a fortnight.

CASE NO. 8.

Chinese Coolie (Male) admitted suffering with an obstinate **sore on the right hand.** Patient stated he had been treated with various medicines during the past year without relief. T.C.P. dressing completely cured this Coolie within six days.

CASE NO. 9

Javanese Coolie (Male) admitted suffering with **septic wound,** unable to walk without support. T.C.P. treatment applied, patient showed immediate improvement and discharged cured in six days.

CASE NO. 10.

Chinese Coolie (Male) admitted with **severe scalds,** right leg badly blistered and inflamed. T.C.P. applied, discharge and inflammation disappeared. Patient able to resume work in seven days.

The Manager of the BUKIT SEMBAWANG RUBBER COMPANY, LIMITED, **Straits Settlements,** reports :—

" T.C.P. We have used T.C.P. so far with excellent results, although most of the cases treated were chiefly of a minor character such as **cuts, sores, itch, etc.** One case of note was that of a Tamil child about five or six years of age who was brought to me one morning **badly scalded.** Her back from her shoulders to her waist was **one mass of blisters.** A piece of cotton wool the size of her back saturated in T.C.P. was applied and bandaged lightly and the mother was given a small bottle of T.C.P. and told to pour some of it over the cotton wool every now and then and to keep it moist. In a few days the child was quite well again.

" The second case is a personal one. Some months ago I met with an accident and **nearly lost two fingers** on my right hand. They were

badly cut to the bone and the **flesh in places practically torn off.** I dressed them twice a day with hot water to which some T.C.P. had been added, and applied a wad of cotton wool saturated in T.C.P. and then the bandage. When the doctor called on his usual Sunday visit some days after he examined my hand and said I was rather foolish not to have taken medical advice, as the wounds were serious, but as they were healing up nicely and showed no signs of turning septic, I could not do better than continue the T.C.P. treatment.

"We have stopped using iodine or Friar's Balsam and use T.C.P. for everything instead. I spoke to Dr. Howarth (of the firm of Powlie & Black) about it some time ago. He did not seem to know anything about it or even to have heard of it. He, however, got a bottle and gave it a trial and told me a few Sundays ago that he thought it really good."

The Manager of the.....RUBBER ESTATES, LTD., reports to the Agents, Messrs. .....

"T.C.P. Antiseptic. With reference to your letter, I beg to inform you that of the 5 gallons of the above antiseptic sent to me for trial in May last, I have used to date just under 2 gallons. It has been in regular use since received for all cases of **ulcers, burns, cuts** and **scabies** according to the makers' instructions with very satisfactory results. I have not yet had an opportunity of testing its efficiency, as vouched for by the makers, in dysentery or venereal cases, but shall report further should occasion arise to do so.

" The following are a few of the cases worth mention in which the use of T.C.P. has proved effective :—

1. A Tamil field coolie with **ulcers** of over two years' duration, on both legs from shins to ankles, for which he was frequently sent to hospital without result, was treated twice daily with T.C.P. dressing for three weeks, after which period both legs healed sufficiently to allow him to continue work, but one leg subsequently broke out again in an ulcer which has now been under treatment for one month, and should be healed in a few days. This was a most obstinate case, and all other dressings appeared to have no effect on the patient.

2. A factory coolie with an advanced stage of **scabies,** the entire surface of the skin from waist to knees being badly affected, was treated with applications of T.C.P. twice daily and completely cured in 7 days.

3. A Tamil child badly **burned on thigh** was cured in 8 days.

4. A factory coolie who had the end of one **finger crushed** was cured and able to resume work in 17 days.

5. A case of **hornet sting** on the throat which had turned septic was cured in 6 days.

" Several other cases of **wounds, ulcers** and **scabies** have been cured with this antiseptic, the period of treatment ranging from 3 to 10 days."

Extract from letter from the Agents to the Secretaries of the TEMPEH (JAVA) RUBBER PLANTATIONS, LIMITED, **Java** :—

" T.C.P. is splendid medicine for the washing of **wounds.** Wounds washed with it heal quickly. The treatment of **Scabies** also has been very successful here, and for this T.C.P. may be highly recommended. Further it is suitable as a **Malarial prophylactic,** as if the limbs are smeared with it in the evening it will keep off the mosquitoes."

Subsequent Report :—

The Manager, THE TEMPEH (JAVA) RUBBER PLANTATIONS, LIMITED, reports :—

" Our present stock comprises 6 jars. In addition to what I said before about this disinfectant, it is excellent for mosquitoes, especially during clearing operations in swampy areas where mosquitoes abound. It is advisable to get the coolies to smear themselves with T.C.P., for in such areas it is not single mosquitoes but whole swarms of them that one has to cope with.

" I tried this on a trip down the south coast.

" With T.C.P. all one has to do is to rub it in well and the mosquitoes are kept off."

The Manager of the SINGAPORE UNITED RUBBER PLANTATIONS, LIMITED, **Straits Settlements,** reports :—

" T.C.P. There is no doubt that T.C.P. is excellent for **sores, wounds,** etc., and has proved most useful to our labour force. The visiting Doctor also remarked on its beneficial effects.

From my own experience I find it most effective on **cuts,** or any **broken skin.**

" Our present supply of T.C.P. is finished, so would you please let us have a further supply."

The Manager of the KAWIE (JAVA) RUBBER ESTATES, LIMITED (BRANGGAH BANARAN ESTATE), **Java,** reports :—

" I think I ought to refer here to the results obtained with the T.C.P. sent, and I hope the Directors will bring the following to the notice of the purveyors.

" I treated a coolie who had a stubborn affliction of scabies ; his whole back, from neck to waist, being one mass of scurvy, and in front, likewise from neck to stomach. T.C.P. was used three times a day. In a week the man was radically cured, and he can now do his regular work.

" It is a striking fact that the other natives ask for the treatment voluntarily, while they do not care much for European remedies as a rule."

The Manager of INSULINDE (SUMATRA) RUBBER ESTATES, LIMITED, **(Namoe Oengas Estate),** reports :—

" TRICHLOROPHENYLMETHYLIODO-SALICYL. I have received 5 jars of the above Antiseptic known as T.C.P., and already have applied it to several Coolies with **various skin troubles,** and the results have been wonderful. I have not had any bad cases to try on yet, but the first one I have (which will bound to be soon), I will treat myself, and inform you of the results.

Will you please convey my thanks to the Board for sending T.C.P. out to us. I feel sure it will save many Coolies going to Hospital."

Subsequent Report states :—

" One of our bulls met with an accident about 2 months ago, causing a bad wound on the hind leg ; the writer called a Vet. up, who treated the animal, but at the same time had not much hope of its recovery, the foot got worse and we feared the bone was diseased ; which meant shooting the animal ; we did not call the Vet. again, but tried T.C.P., and by treating this wound daily, which was done by my Assistant, who understands cattle, and only using T.C.P., I am pleased to say the animal can now walk and is on the road to recovery, and T.C.P. has done it.

Another example I should like to mention, viz., one of my coolies, who had been suffering from skin trouble for many months, and nothing would cure it until the writer himself tried T.C.P. Ointment B. 360. He was treated daily with this, and the result was wonderful. He has been cured now for 3 months, and no signs of trouble coming back.

" Every Estate should keep T.C.P., the writer cannot speak too highly of it."

The Manager of the LARAS (SUMATRA) RUBBER ESTATES, LIMITED, **Sumatra,** reports :—

" T.C.P. I can assure you of its splendid effect on **cuts, painful wounds,** and what are known as **' Pekong,'** so prevalent amongst Coolies in these parts, which are suppurating and evil smelling **sores on the leg, etc.**

" Apart from its wonderful healing and building-up properties, it is exceptionally good for use amongst natives, in that it does not cause pain and the application is so simple. There is no doubt but that it will prove of the greatest value to all users, and that **if every Estate had a supply, the losses incurred, not only in Hospital treatment, but in output would be considerably lessened.** In this country this is especially true, as, if a Coolie is sick for more than two days he must be sent to hospital, a most expensive proceeding, and T.C.P. is the remedy. **Sores, cuts, etc.,** I notice, heal up and pain is relieved with remarkable rapidity."

Extract from a letter to the Agents from the Manager of the BUKIT SEMBAWANG RUBBER COMPANY, LIMITED, **Straits Settlements :—**

" The consignment of 5 gallons ordered for us arrived safely last week. It is in great demand now among the Coolies for every paltry complaint, and has, in consequence, to be kept under lock and key to prevent its being stolen or wasted. The 5 gallons just received should see us through to January or February next year. Our yearly requirements work out at about 10 gallons a year, and so if the Secretaries early each year send us out 10 gallons we will always have some in hand and not run short.

" Two enquiries have been received about it, one from China Amoy and the other from a Doctor in Perak. They were both referred to the Secretaries or to you."

The Manager of BUKIT MERTAJAM RUBBER CO., LTD., **Kedah, Federated Malay States,** reports :—

"T.C.P. The following diseases have been treated with this Preparation with good results :—

1. Eczema. 2. Ulcers. 3. Nasal Catarrh. 4. Sore Throat. 5. Stings of Insects. 6. Wounds and Cuts. 7. Burns and Scalds."

The Local Director of the LOWER PERAK RUBBER ESTATES, LIMITED, **Federated Malay States,** reports :—

"T.C.P. The dresser at the hospital speaks very highly of this, and it is being continually used."

The Manager of the SOEMBER PERKOEL ESTATE (ANGLO-JAVA RUBBER AND PRODUCE COMPANY, LIMITED), **Java,** reports :—

"The medicine (T.C.P.) sent by the London Office is an excellent remedy for **wounds** and **skin diseases."**

Extract from a letter received from a Director of the TAIPING RUBBER PLANTATIONS, LIMITED, **Federated Malay States :—**

"T.C.P. A Coolie a few days ago got caught by the thigh by a Crock (Crocodile). It took a piece out of the thigh, and made **deep lacerated wounds** down the leg. He was carried here and Moysey (Manager) daubed him all over

the wounded parts with cotton wool saturated with T.C.P. The Coolie is progressing very well—wounds healing well, and it is certain that but for Moysey getting him so soon, and washing and applying T.C.P., he wouldn't be here now."

Extract from Report by the Manager..... ESTATE, **East Coast of Sumatra,** to London Agents, Messrs. Guthrie & Co., Ltd. :—

"T.C.P. This germicide and ointment has been in use on the estate for about two months. I had some experience of it as an antiseptic previous to the receipt of the case from London.

"I find it excellent as an antiseptic in cases of **wounds, burns,** etc., or as a **mouth wash,** where such is required. It gives good results in treating **ordinary ulcers, and cases of skin disease** yield rapidly to treatment with the ointment. Being non-poisonous it can be safely handled by unqualified persons.

"To my knowledge it is used as an antiseptic and in treatment of **ulcers, etc.,** in at least two hospitals in the East Coast of Sumatra with, in most cases, very good results.

"I can personally testify to its efficiency in the case of **leech bites** received during work in the jungle.

"I am quite prepared to recommend it as an excellent antiseptic for internal or external use, and **consider it the best general purpose medicine it is possible to have on an estate.** Especially on estates which are in course of opening, and where skin wounds and ulcers are common, caused by the nature of the work, it should prove of great value."

The ASSAM CONSOLIDATED TEA ESTATES, LIMITED, report as follows :—

" Hingrijan Estate. T.C.P. has been used with successful results in the case of a girl aged thirteen, who fell in the fire and **burnt her face** badly, also in the case of a man, aged twenty-two, with an **abscess in the groin,** the good effect in this instance being very obvious.

" Khowang Estate. T.C.P. had been received only two weeks before I visited the garden, but had been tried successfully.

" Bhamun Estate. T.C.P. had been successfully used for **Laga sores.**

" Ghazipore Estate. T.C.P. has been tried and been most successful during the short time for which it has been under trial. There was a famous case in which an Englishman (wounded in the War) with a **long standing ulcer in his back,** had been cured by it. The visiting Doctor (Dr. Moriarty) had been much impressed with the results of its use, and had indented for it on all his other Gardens."

The Manager,.....ESTATES, Province Wellesley, **Straits Settlements,** reports :—

" After giving your T.C.P. Mixture and Ointments a thorough trial, I find them both excellent, especially the ointment, which is especially good for treatment of **Chronic and Syphilitic Ulcers."**

Extract from Report of DUFF DEVELOPMENT CO., LTD., Kuala Gris Estate :—

" Hospital and Medicines. The charges under this heading consist of the Taku Hospital charges and the cost of a gallon of the new Anti-

septic T.C.P. (I have been using this antiseptic where previously I used Iodine, and find that in the majority of cases it effects a cure more rapidly than Iodine.) "

Extract from letter from MESSRS.....LTD., Agents of the Assam Consolidated Tea Estates, Ltd., **Calcutta :—**

" T.C.P. Most of the Garden Managers speak well of results obtained from the use of this preparation, and we shall be glad if you will arrange to ship a further 20 1-gallon tins at your convenience."

Extract from Report of CHURCH MISSIONARY SOCIETY HOSPITAL, **Old Cairo :—**

" T.C.P. We have found very useful in cleaning wounds. Will you please send by return quotations for larger quantities."

Extract from Report of MESSRS....., Shanghai, **China :—**

" T.C.P. seems to be very effective in cases of Hongkong feet."

The Secretary,.....RUBBER ESTATES, Negri Sembilan, reports :—

" T.C.P. Antiseptic. We wrote the Manager on the 5th December last year asking him to put this Antiseptic before the doctor and suggested it should be given a trial. This was done and the doctor found it so successful that he has always used it in the hospital ever since."

Messrs.....Bros., Limited, **Sydney**, report :—

"We received the sample of T.C.P. which you forwarded and gave it to the First Aid Room for trial. The opinion is that it is an excellent antiseptic and pleasant to use, also it is very effective in cases of **mosquito bites.**"

Extract from letter from **Khartoum, Egypt** :—

"The only crab to the place is some minute little pests—a kind of **Sand Fly,** which have bitten me on arms, legs and feet most unmercifully, and I am a mass of bumps and bites. However, the excellent 'T.C.P.' takes the irritation from them and they don't matter. Before I put it on I scratched all night in my sleep and woke up in the morning quite raw."

The Rev. F. S. Hollis, Reservoir Road, Kuching, **Sarawak,** reports :—

"I have had some amazing results from using T.C.P., of which the apparent cure of **Elephantiasis** is not the least."

The British New Guinea Development Co., Ltd., reports :—

"The merits of T.C.P. are thoroughly appreciated in Papua, both by the officers of the Papuan Government and plantation owners, who are the large employers of native labour."

The DIOCESE OF LABUAN AND SARAWAK, KUCHING, **Sarawak,** reports :—

"We have had wonderful results from T.C.P.

"An 8-oz. Bottle is soon used when anything from 20 to 40 natives come a day for treatment in our jungle districts.

"Could you supply in 5 or 10 gallon drums direct from your factory ?

"This diocese has been the first to introduce T.C.P. into Sarawak."

The REV. WILFRED LINTON, ST. AUGUSTINE'S MISSION, BETONG, SARIBAS, **Sarawak,** reports :—

"I have great pleasure in writing to you to tell you that I have found T.C.P. of the greatest possible value in treating the **sores, ulcers, and other diseases,** so prevalent among the Dyak people here.

"I am not a Medical man, but as we have no Doctor near, our Mission does a lot of dispensary work, I find T.C.P. most valuable in the treatment of **epidemic multiple ulcers,** which occur chiefly on the legs of the people. These ulcers respond to treatment with T.C.P. when almost every other kind of lotion has failed. I find that treatment in the early stages prevents the ulcers spreading and multiplying.

"I have also found T.C.P. excellent in the cases of **scald and burning.** I had one bad case of scalding brought in, and after applying T.C.P. on lint, the pain was relieved almost immediately, and the affected area healed up within a week.

"Please use this letter as a testimonial if you wish."

....., PLANTERS STORES & AGENCY CO., LTD., **Calcutta**, reports :—

" A few weeks ago the writer spent a week-end in the jungle and was suddenly confronted with a man who had all the **flesh torn away from the knee leaving the kneecap exposed.** The size of the wound was about 2" dia., very dirty, and the only antiseptic available was T.C.P., and a 25% solution was used to wash the wound and a 50% solution to make a compress. The patient was then removed to the nearest town, and after 4 weeks the wound completely healed without complications, and the patient was able to walk about."

The Manager, LOK KAWI RUBBER, LIMITED, British North Borneo, reports :—

" Since taking over Putatan Estate I have given T.C.P. an exhaustive trial and find it to be a truly wonderful antiseptic.

"**I have used it with excellent results on ulcers, burns, scalds, and insect bites** in the Estate hospital, and it is very popular with the coolies.

" A Chinese coolie was admitted to hospital with a severe wound on his instep, caused by a sharp bamboo spike, the wound started suppurating and was in a ghastly condition, fomentations were applied with no effect. T.C.P. was then applied and within three days the suppuration had cleared up and the wound was healthy looking. T.C.P. was continued, and patient discharged after three weeks."

THE ESSENTIALS

OF

A True and Perfect Antiseptic

ARE:—

1. An Antiseptic should possess a high Germicidal power.
2. It should be capable of being used in the presence of proteic matter without great diminution of such germicidal power.
3. It should be soluble in water.
4. It should be free of corrosive or of any great irritating action on the skin.
5. It should be free from corrosion on metal.
6. It should have the power of penetration.
7. It should be a deodorant.
8. It should be non-toxic

AND THE DESIDERATA:—

A. It should have no toxic, noxious or caustic action on the human tissue.
B. It should not coagulate the Plasma.
C. It should have an affinity great enough for the amino acids of the protein cells to prevent germs producing toxins in the system, propositions (A) and (B) still being observed.
D. It must be absolutely stable, even in solution, consequently always ready with its full properties when required.
E. It must have great Endosmotic power and must be neither hæmostatic nor vasoconstrictor.

The only known Antiseptic in the World possessing these Essentials and Desiderata in their entirety is:—

T.C.P.

TRICHLOROPHENYLMETHYLIODOSALICYL in H_2O.

INCORPORATED

INSTITUTE of HYGIENE

No. 1078

Year of Issue 1923

This is to Certify that

the "T.C.P." Antiseptic of

Messrs. The British Alkaloids Ltd. of Londonderry

has been passed by the

Examining Board of the Institute of Hygiene

as fulfilling

the Standard of Hygienic Merit required by them

on evidence of which the Council have affixed the

Seal of the Institute hereon.

Issued this Twenty-sixth day of July 1923

By order of the Council

General Secretary

The Conditions under which this Certificate is granted may be had on application from the Secretary of the

INSTITUTE OF HYGIENE, LONDON, W.

PURITY

QUALITY

MERIT

Blades, East & Blades, Ltd.,
Abchurch Lane E C 4